

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024662.D
 Acq On : 30 Jan 2020 17:21
 Operator : CG/JU
 Sample : PB126393BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 23:22:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	189220	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	684620	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	457185	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	1043881	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1255896	20.00	ng	-0.01
87) Perylene-d12	23.16	264	1501773	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.07	112	552650	55.54	ng	-0.01
7) Phenol-d6	6.63	99	394524	28.78	ng	-0.02
23) Nitrobenzene-d5	8.57	82	1059593	75.90	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	980102	131.79	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	2925392	86.99	ng	-0.02
79) Terphenyl-d14	19.49	244	5526503	82.15	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.06	88	118	0.030	ng	# 1
3) Pyridine	3.43	79	253	0.022	ng	# 1
4) n-Nitrosodimethylamine	3.35	42	510	0.101	ng	# 1
8) 2-Chlorophenol	7.00	128	269	0.024	ng	# 35
9) Benzaldehyde	6.59	77	1818	0.224	ng	# 72
10) Phenol	6.66	94	14835	1.086	ng	# 91
15) Benzyl Alcohol	7.65	79	482	0.043	ng	# 18
18) Hexachloroethane	8.52	117	319	0.059	ng	# 32
19) n-Nitroso-di-n-propylamine	8.31	70	117	0.011	ng	# 40
22) Acetophenone	8.25	105	11360	0.644	ng	# 86
24) Nitrobenzene	8.60	77	326	0.024	ng	# 41
25) Isophorone	9.15	82	1401	0.059	ng	# 64
31) Naphthalene	10.23	128	3146	0.091	ng	# 69
37) 2-Methylnaphthalene	11.87	142	2139	0.080	ng	# 79
38) 1-Methylnaphthalene	12.09	142	967	0.038	ng	# 91
46) 1,1'-Biphenyl	12.90	154	6899	0.199	ng	# 99
47) 2-Chloronaphthalene	12.94	162	288	0.010	ng	# 21
49) Acenaphthylene	13.80	152	813	0.019	ng	# 61
50) Dimethylphthalate	13.55	163	110203	2.981	ng	# 97
51) 2,6-Dinitrotoluene	13.63	165	232	0.030	ng	# 22
52) Acenaphthene	14.15	154	346	0.013	ng	# 44
55) Dibenzofuran	14.49	168	704	0.017	ng	# 89
58) Fluorene	15.13	166	715	0.020	ng	# 50
60) Diethylphthalate	14.93	149	1460	0.039	ng	# 82
61) 4-Chlorophenyl-phenylether	15.14	204	112	0.005	ng	# 32
63) Azobenzene	15.44	77	302	0.009	ng	# 35
66) n-Nitrosodiphenylamine	15.36	169	449	0.015	ng	# 24
71) Phenanthrene	16.87	178	2561	0.045	ng	# 95
72) Anthracene	16.96	178	1555	0.028	ng	# 61
73) Carbazole	17.24	167	1574	0.031	ng	# 71
74) Di-n-butylphthalate	17.83	149	3029	0.047	ng	# 78
75) Fluoranthene	18.90	202	3659	0.052	ng	# 91
77) Benzidine	19.10	184	2988	0.102	ng	# 56
78) Pyrene	19.26	202	4692	0.057	ng	# 94

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024662.D
 Acq On : 30 Jan 2020 17:21
 Operator : CG/JU
 Sample : PB126393BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 23:22:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

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

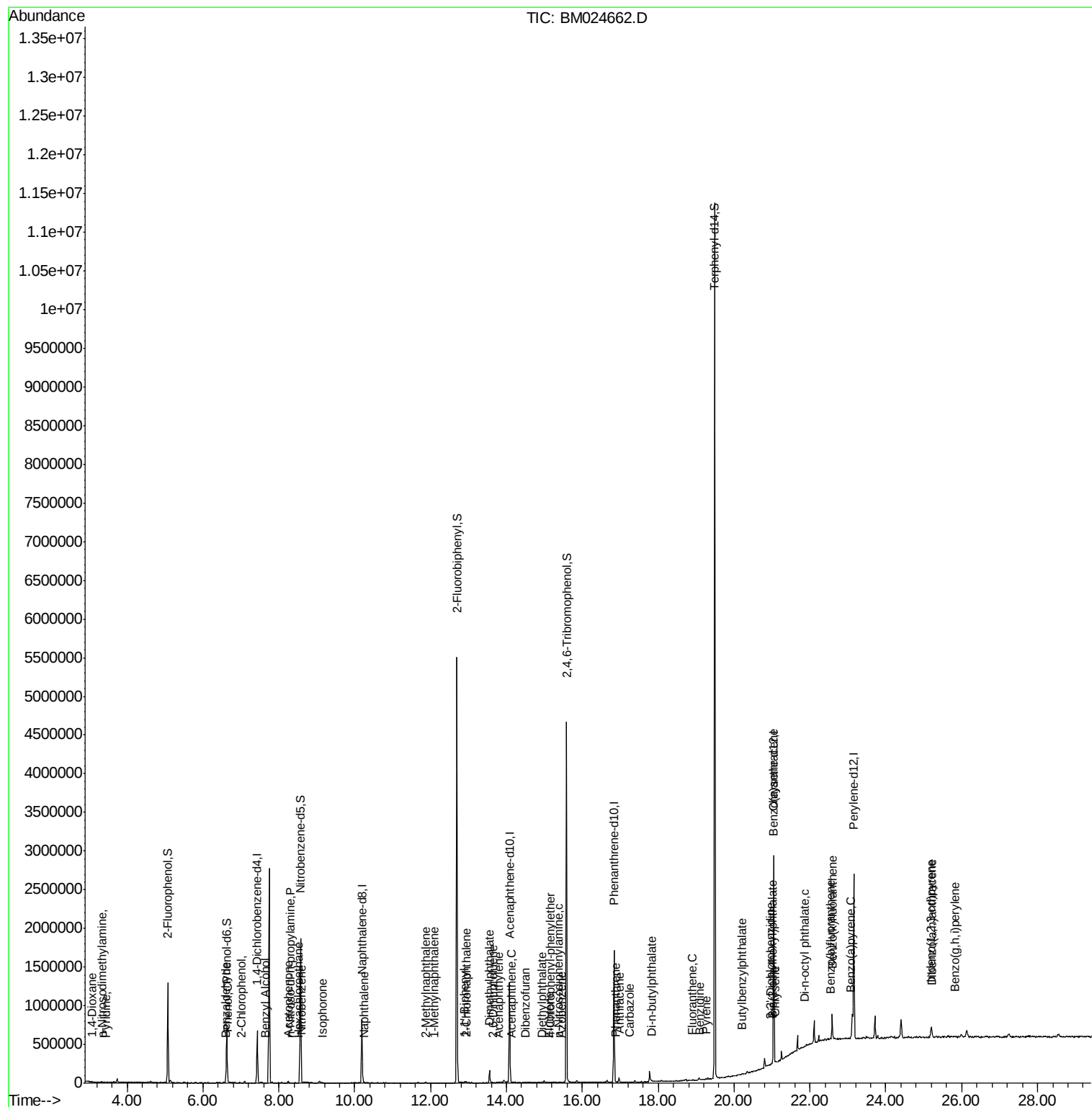
80) Butylbenzylphthalate	20.20	149	808	0.023	ng	# 75
81) Benzo(a)anthracene	21.03	228	8180	0.094	ng	99
82) 3,3'-Dichlorobenzidine	20.97	252	1434	0.046	ng	# 69
83) Chrysene	21.09	228	5012	0.060	ng	96
84) Bis(2-ethylhexyl)phthalate	21.00	149	6299	0.123	ng	# 93
85) Di-n-octyl phthalate	21.86	149	2079	0.025	ng	# 1
86) Indeno(1,2,3-cd)pyrene	25.21	276	1903	0.021	ng	# 74
88) Benzo(b)fluoranthene	22.53	252	4758	0.049	ng	# 38
89) Benzo(k)fluoranthene	22.58	252	3586	0.038	ng	# 1
90) Benzo(a)pyrene	23.07	252	4510	0.051	ng	# 20
91) Dibenzo(a,h)anthracene	25.22	278	4071	0.048	ng	# 9
92) Benzo(a,h,i)perylene	25.84	276	4027	0.053	ng	# 55

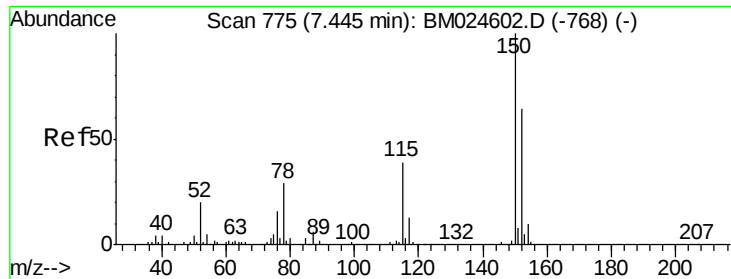
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
Data File : BM024662.D
Acq On : 30 Jan 2020 17:21
Operator : CG/JU
Sample : PB126393BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 30 23:22:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration



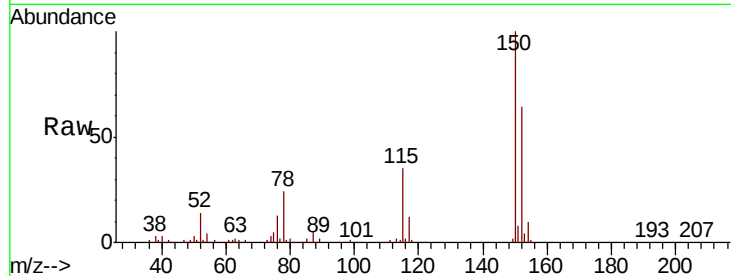


#1

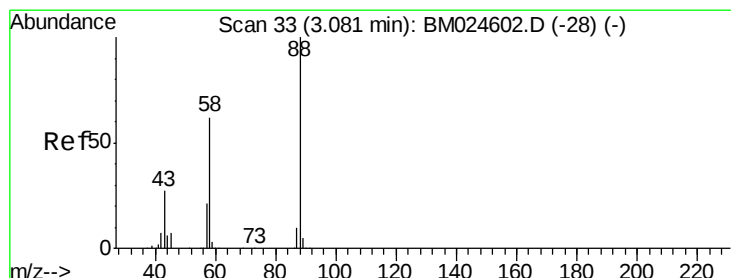
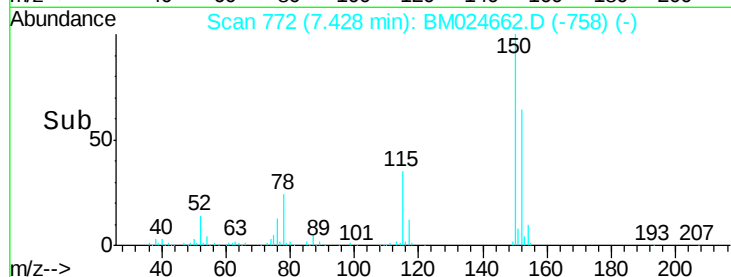
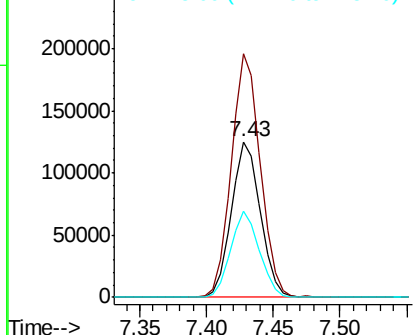
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 189220
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.4
115 55.5 48.6 72.8



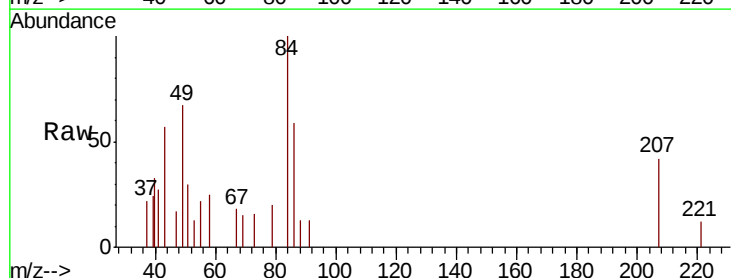
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



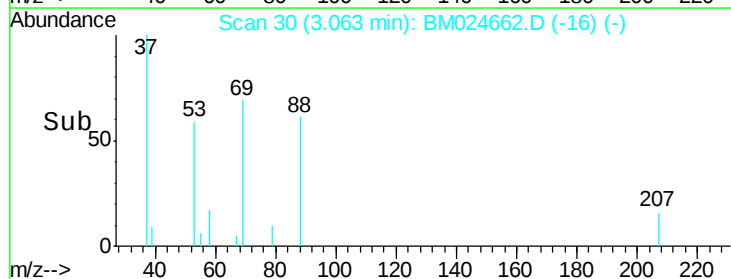
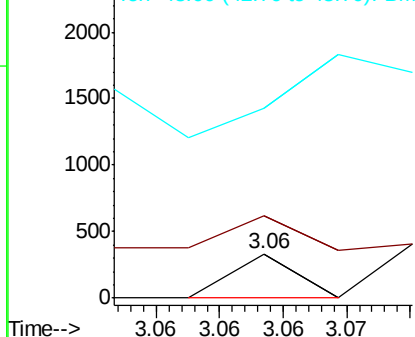
#2

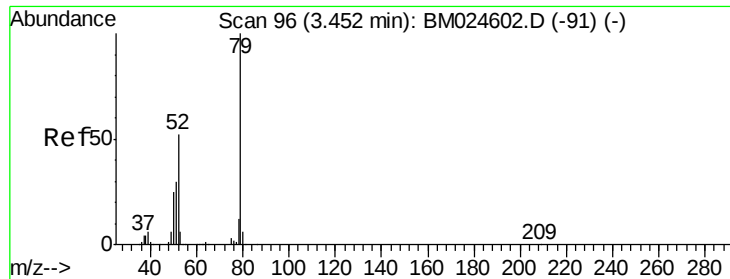
1,4-Dioxane
Concen: 0.030 ng
RT: 3.06 min Scan# 30
Delta R.T. -0.02 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

Tgt Ion: 88 Resp: 118
Ion Ratio Lower Upper
88 100
58 0.0 50.0 75.0#
43 726.3 21.6 32.4#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.022 ng

RT: 3.43 min Scan# 93

Delta R.T. -0.02 min

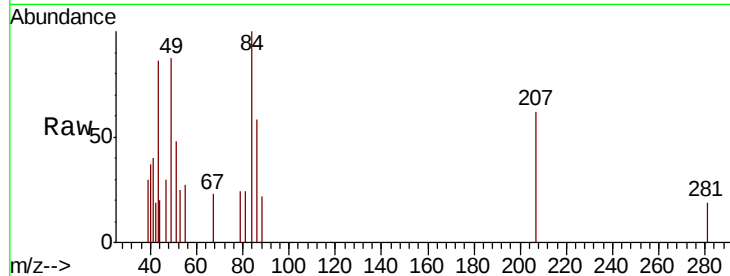
Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampled :



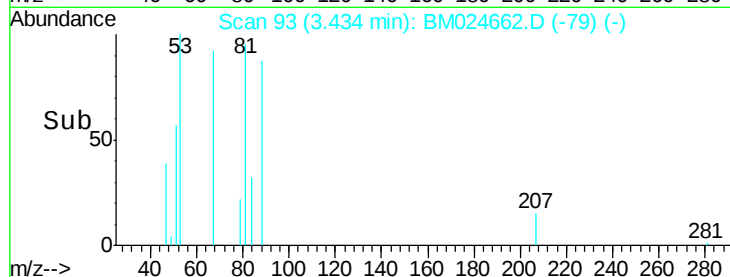
Tot Ion: 79 Resp: 253

Ion Ratio Lower Upper

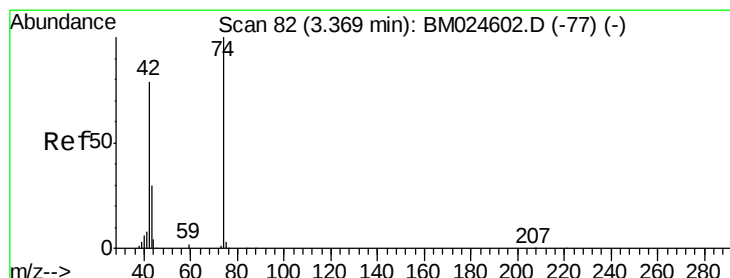
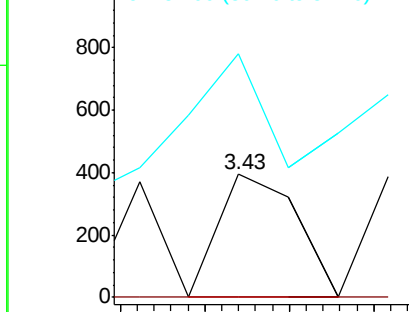
79 100

52 0.0 41.4 62.2#

51 197.5 23.8 35.8#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 0.101 ng

RT: 3.35 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

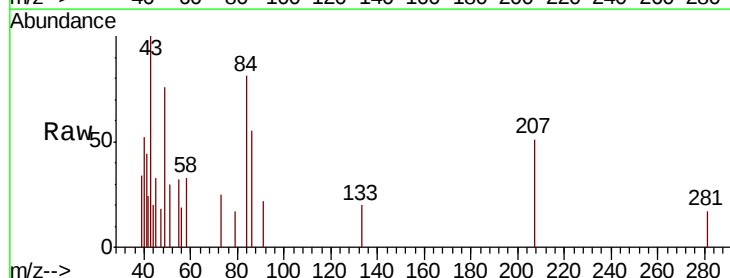
Tgt Ion: 42 Resp: 510

Ion Ratio Lower Upper

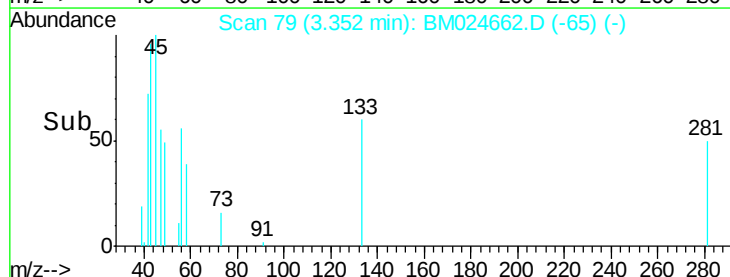
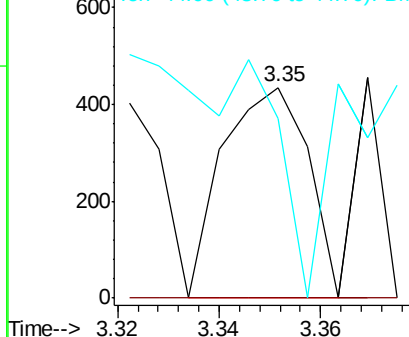
42 100

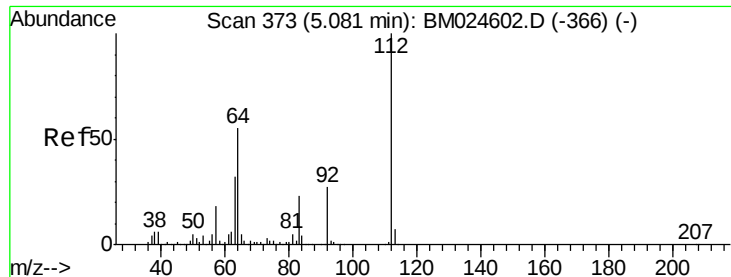
74 0.0 101.4 152.2#

44 85.5 4.6 6.8#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 55.544 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampleId :

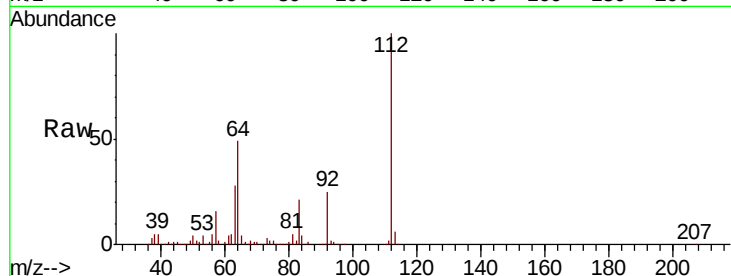
Tot Ion:112 Resp: 552650

Ion Ratio Lower Upper

112 100

64 48.5 44.2 66.4

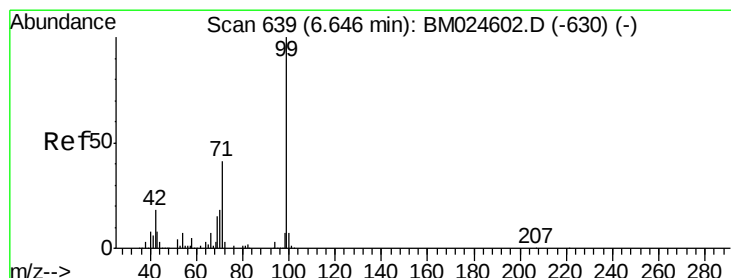
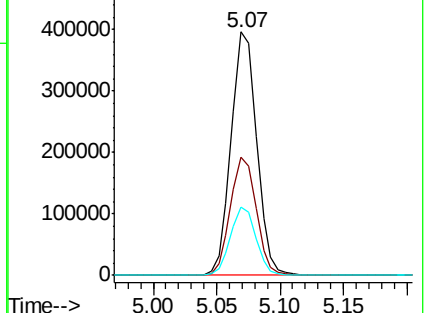
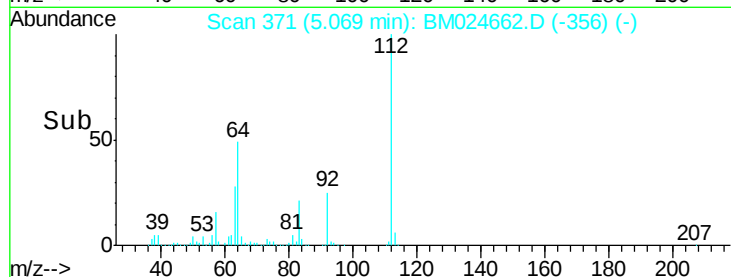
63 28.1 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 28.784 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

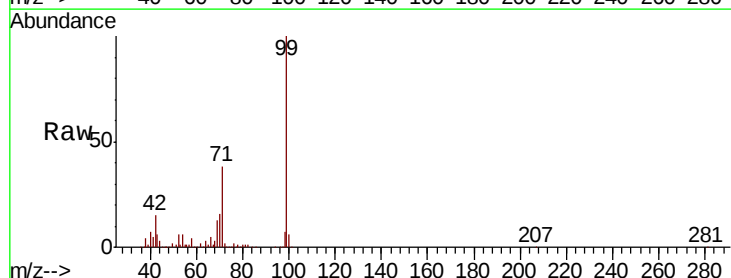
Tgt Ion: 99 Resp: 394524

Ion Ratio Lower Upper

99 100

42 15.0 14.1 21.1

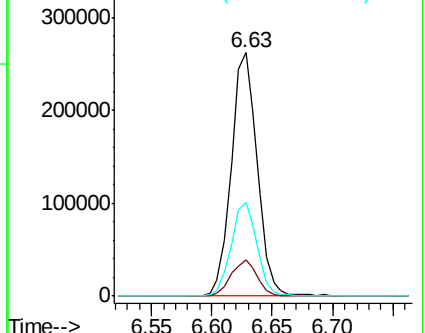
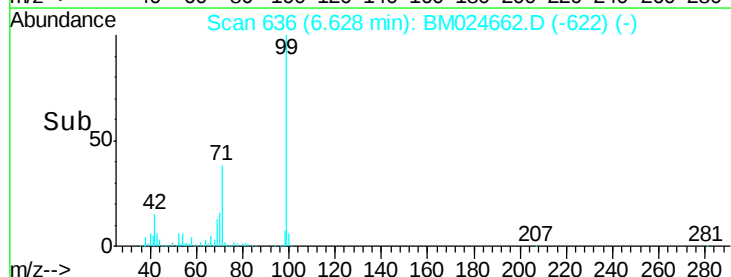
71 38.5 33.0 49.6

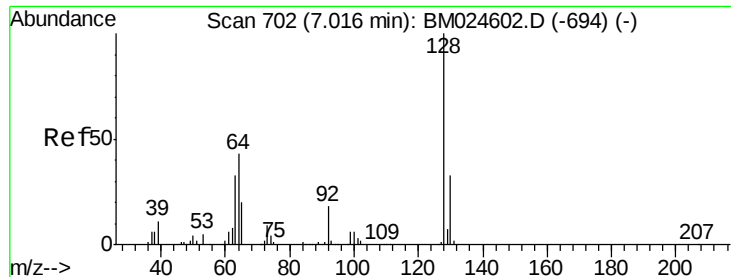


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.024 ng

RT: 7.00 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampled :

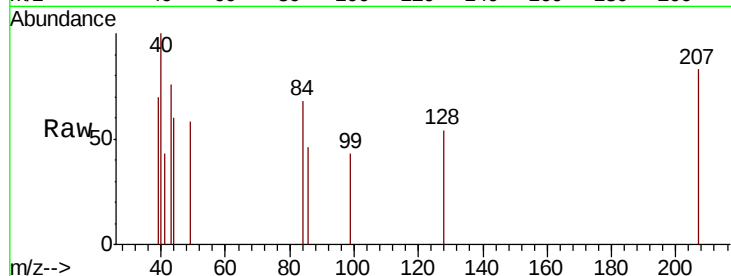
Tot Ion:128 Resp: 269

Ion Ratio Lower Upper

128 100

130 0.0 12.5 52.5#

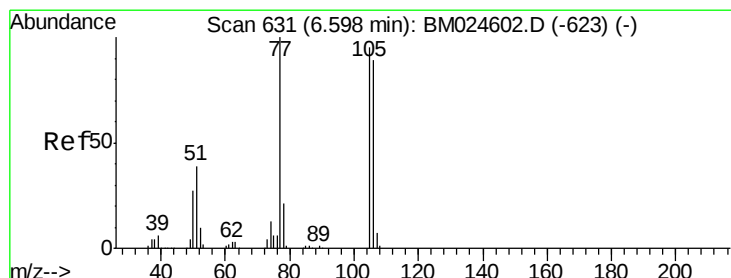
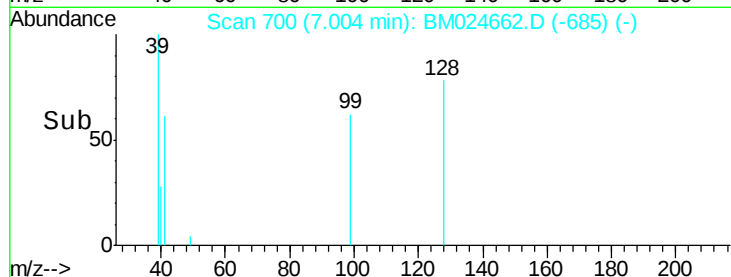
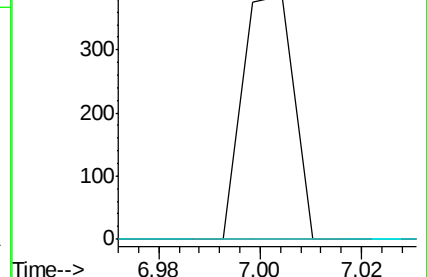
64 0.0 26.1 66.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 0.224 ng

RT: 6.59 min Scan# 629

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

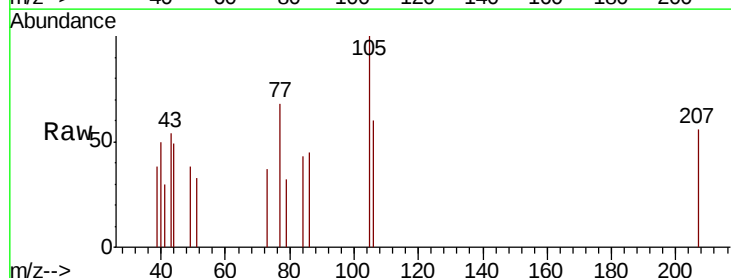
Tgt Ion: 77 Resp: 1818

Ion Ratio Lower Upper

77 100

105 147.5 75.2 115.2#

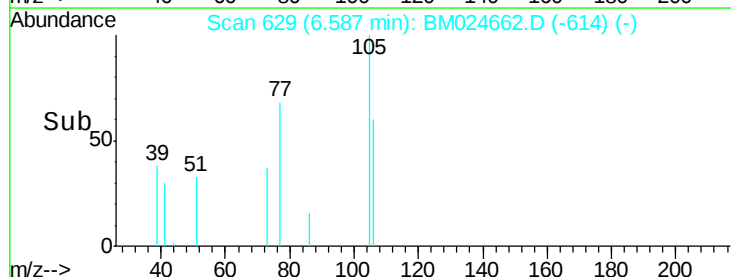
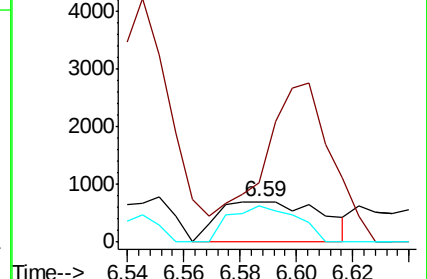
106 89.2 68.6 108.6

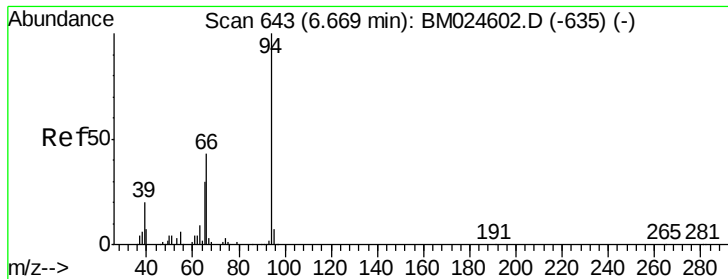


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.086 ng

RT: 6.66 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampleId :

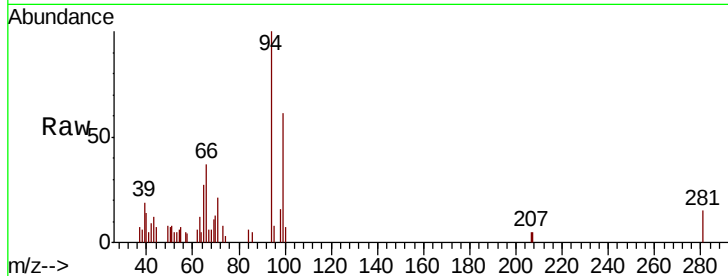
Tot Ion: 94 Resp: 14835

Ion Ratio Lower Upper

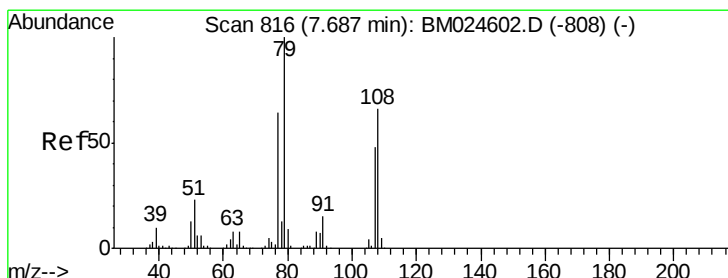
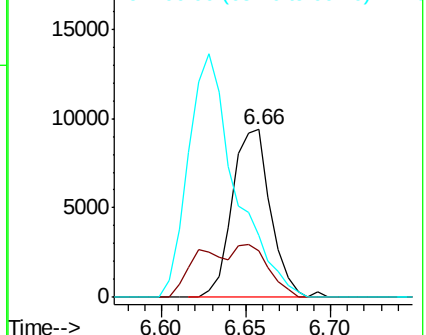
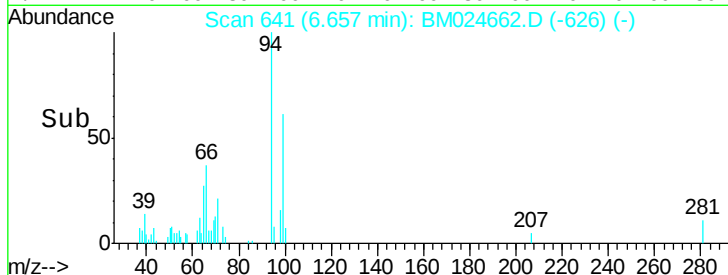
94 100

65 27.4 10.3 50.3

66 37.1 24.8 64.8



Abundance Ion 94.00 (93.70 to 94.70): BM024662.D (-626) (-)



#15

Benzyl Alcohol

Concen: 0.043 ng

RT: 7.65 min Scan# 810

Delta R.T. -0.04 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

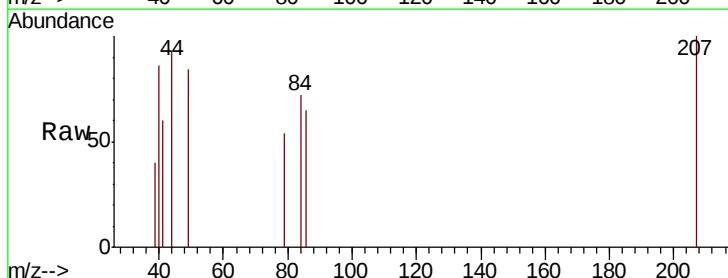
Tgt Ion: 79 Resp: 482

Ion Ratio Lower Upper

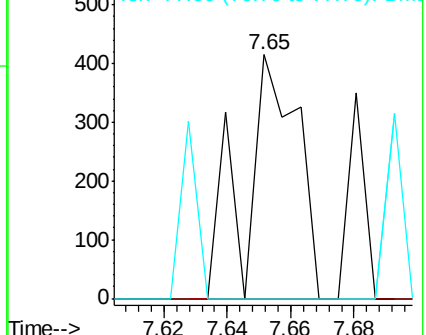
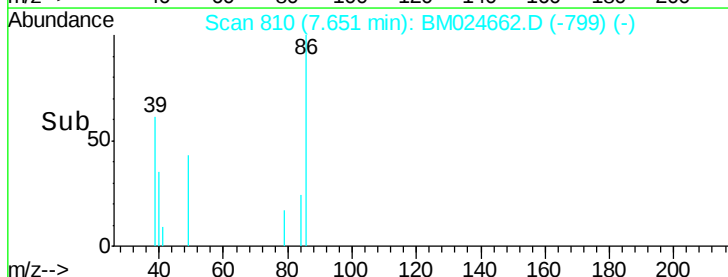
79 100

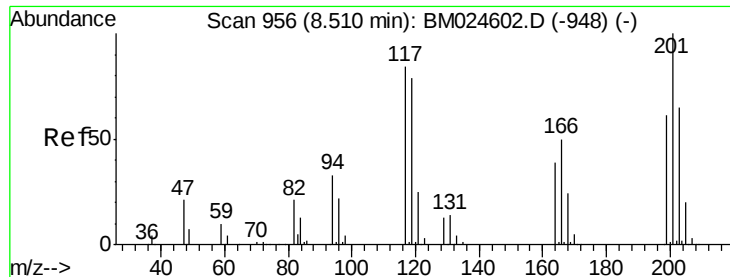
108 0.0 53.0 79.4#

77 0.0 50.8 76.2#



Abundance Ion 79.00 (78.70 to 79.70): BM024662.D (-799) (-)

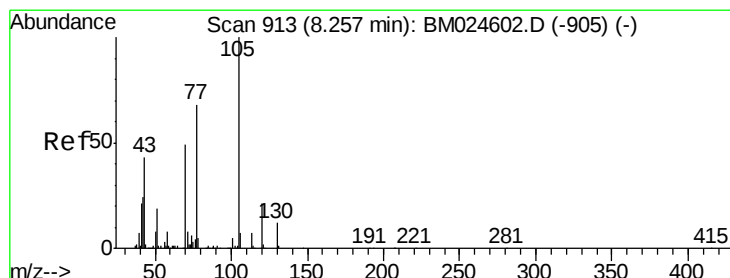
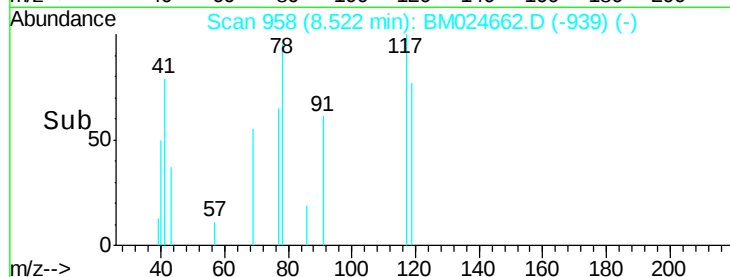
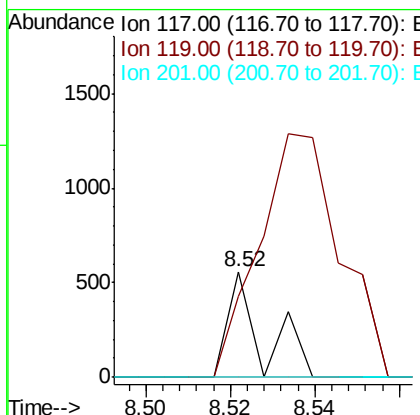
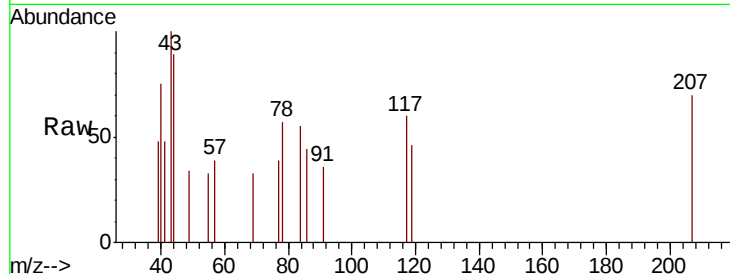




#18
Hexachloroethane
Concen: 0.059 ng
RT: 8.52 min Scan# 958
Delta R.T. 0.01 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

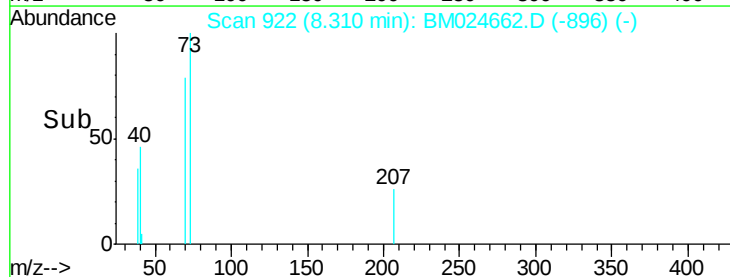
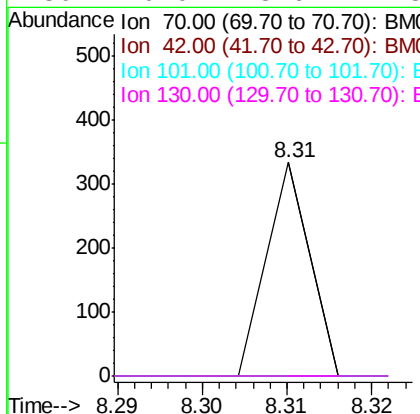
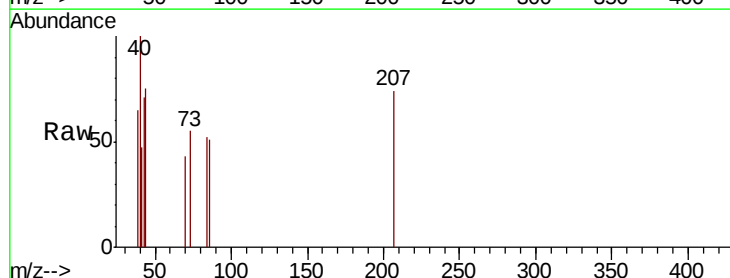
Instrument :
BNA_M
ClientSampleId :

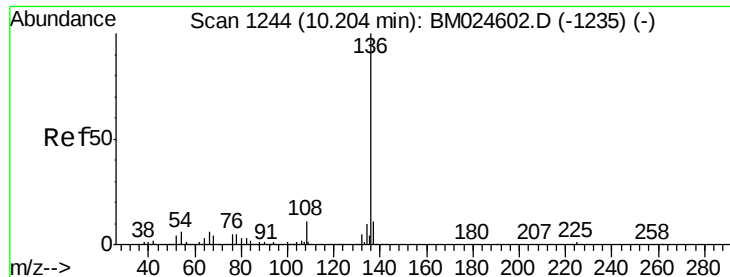
Tot Ion:117 Resp: 319
Ion Ratio Lower Upper
117 100
119 77.2 75.4 113.2
201 0.0 95.8 143.6#



#19
n-Nitroso-di-n-propylamine
Concen: 0.011 ng
RT: 8.31 min Scan# 922
Delta R.T. 0.05 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

Tgt Ion: 70 Resp: 117
Ion Ratio Lower Upper
70 100
42 0.0 40.0 60.0#
101 0.0 8.2 12.2#
130 0.0 18.6 27.8#

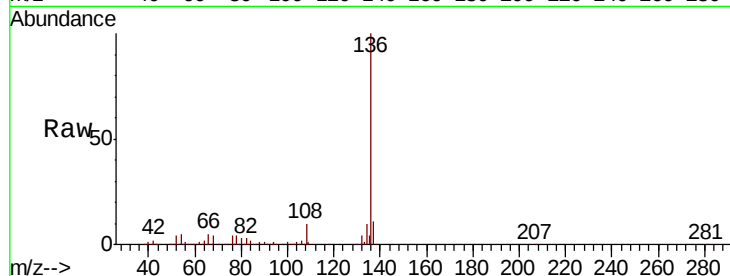




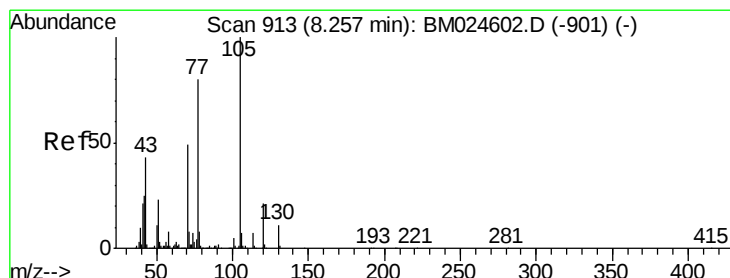
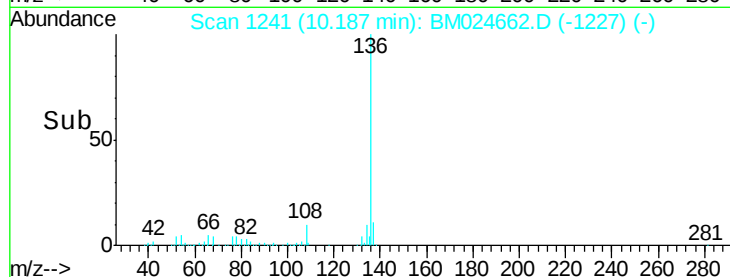
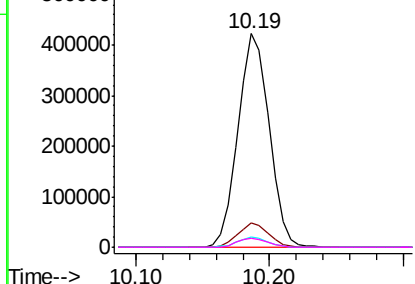
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136	Resp:	684620
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.6 13.0
54	4.5	4.5 6.7
68	4.1	3.4 5.0

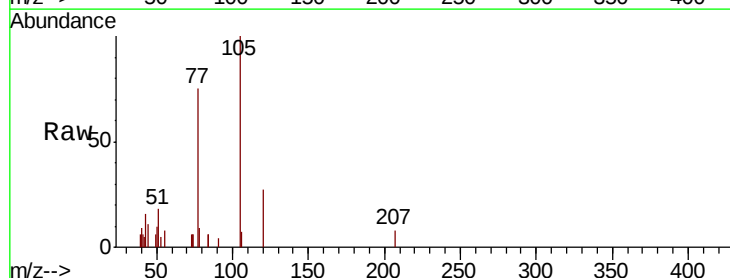


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

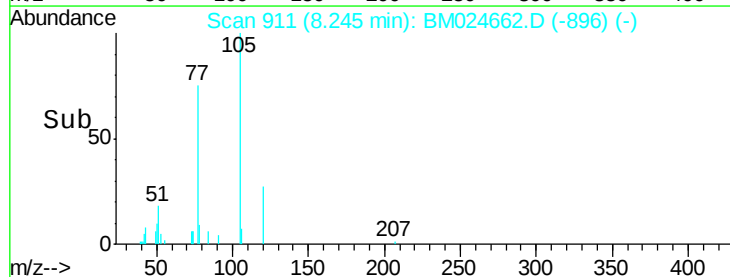
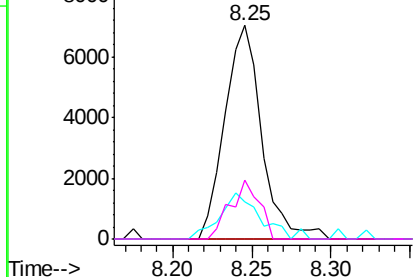


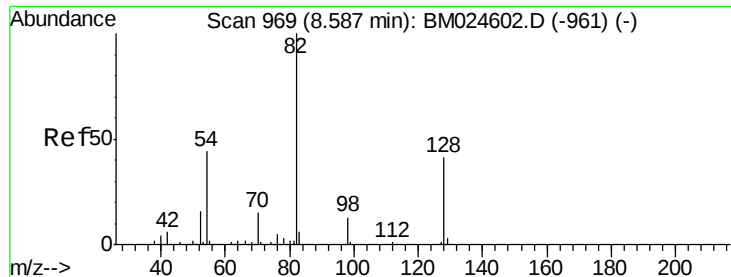
#22
Acetophenone
Concen: 0.644 ng
RT: 8.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

Tgt Ion:105	Resp:	11360
Ion	Ratio	Lower Upper
105	100	
71	0.0	6.7 10.1#
51	17.6	18.5 27.7#
120	27.3	16.6 25.0#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

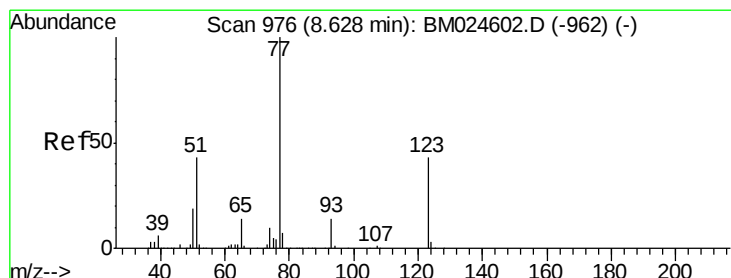
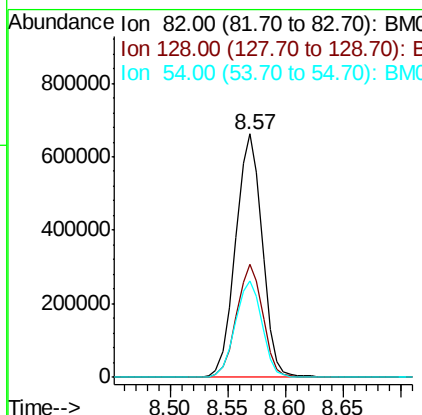
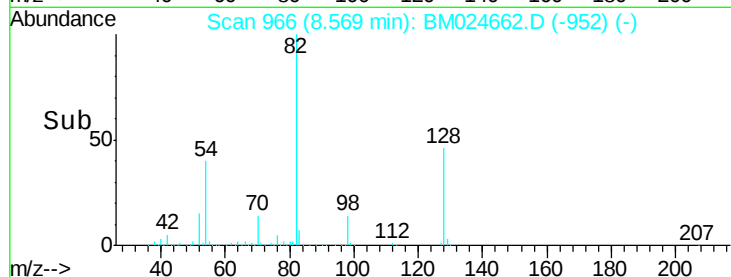
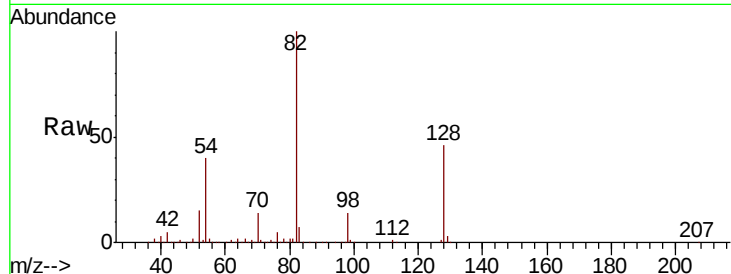




#23
 Nitrobenzene-d5
 Concen: 75.902 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM024662.D
 Acq: 30 Jan 2020 17:21

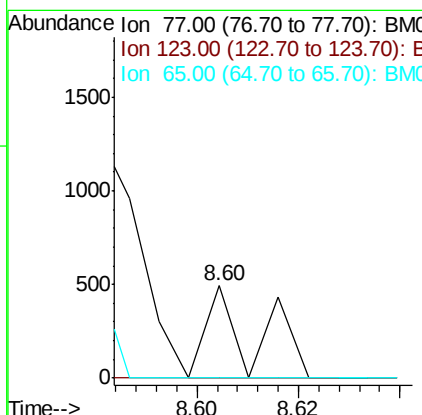
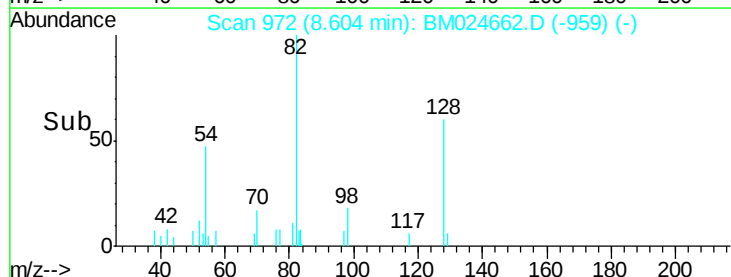
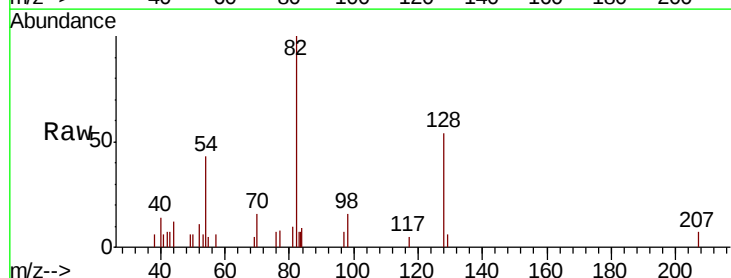
Instrument :
 BNA_M
 ClientSampled :

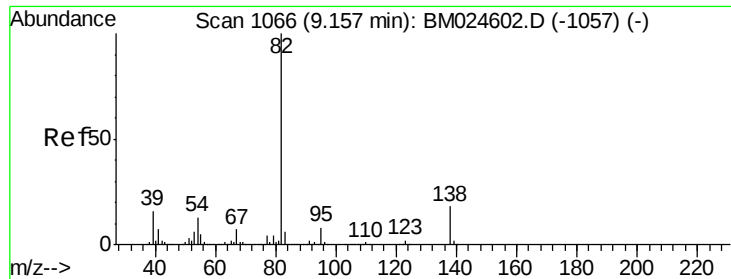
Tot Ion: 82 Resp: 1059593
 Ion Ratio Lower Upper
 82 100
 128 46.2 32.6 48.8
 54 39.6 34.8 52.2



#24
 Nitrobenzene
 Concen: 0.024 ng
 RT: 8.60 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BM024662.D
 Acq: 30 Jan 2020 17:21

Tgt Ion: 77 Resp: 326
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.6 52.0#
 65 0.0 11.0 16.4#





#25

Isophorone

Concen: 0.059 ng

RT: 9.15 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampleId :

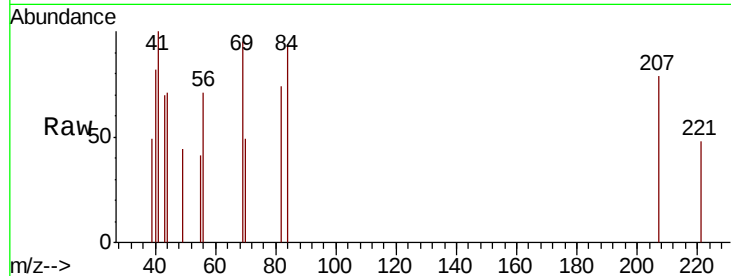
Tot Ion: 82 Resp: 1401

Ion Ratio Lower Upper

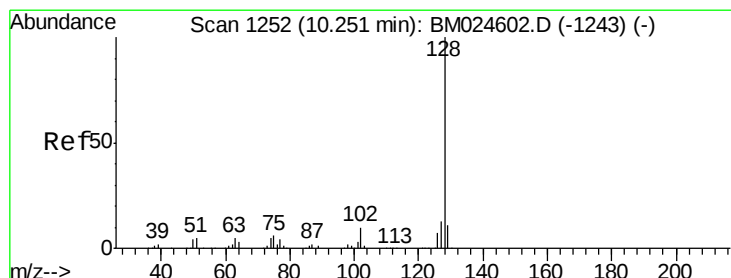
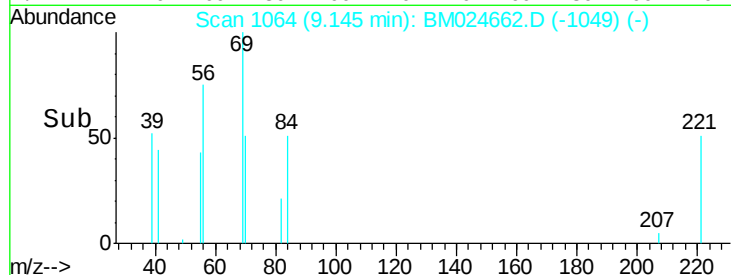
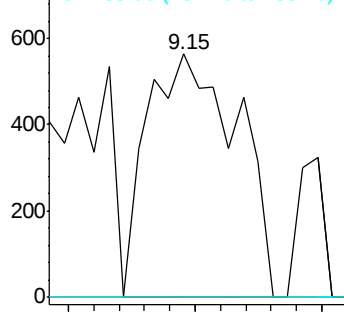
82 100

95 0.0 6.7 10.1#

138 0.0 14.7 22.1#



Abundance Ion 82.00 (81.70 to 82.70): BM024662.D (-1049) (-)



#31

Naphthalene

Concen: 0.091 ng

RT: 10.23 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

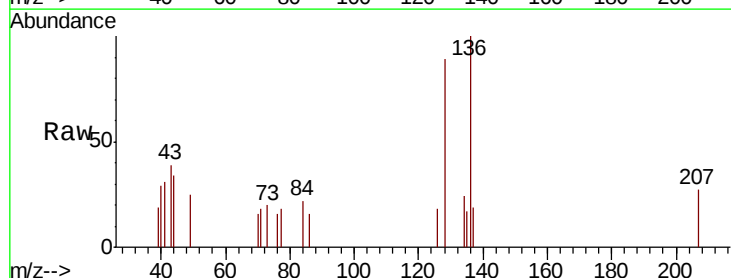
Tgt Ion: 128 Resp: 3146

Ion Ratio Lower Upper

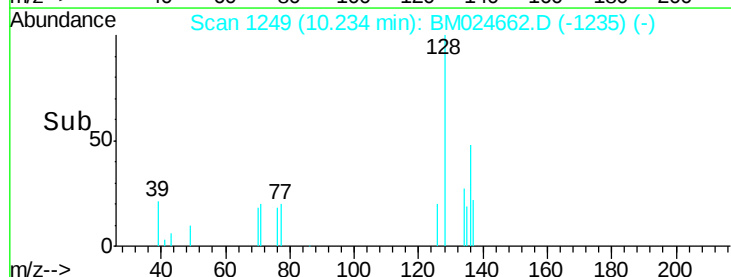
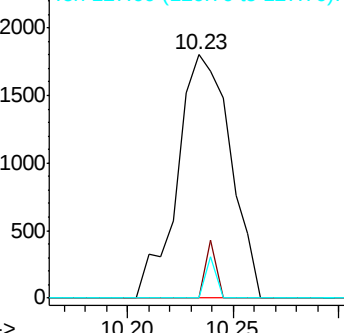
128 100

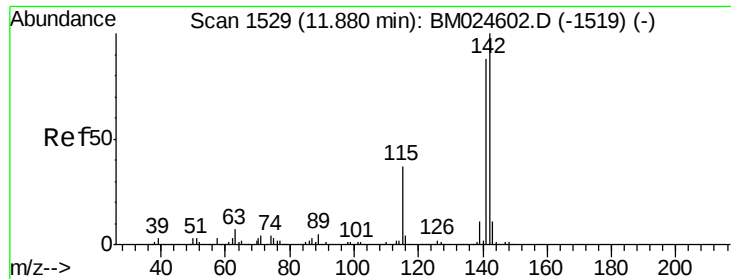
129 0.0 8.8 13.2#

127 0.0 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): BM024662.D (-1235) (-)

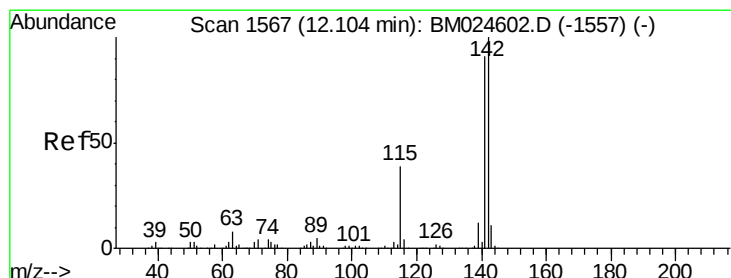
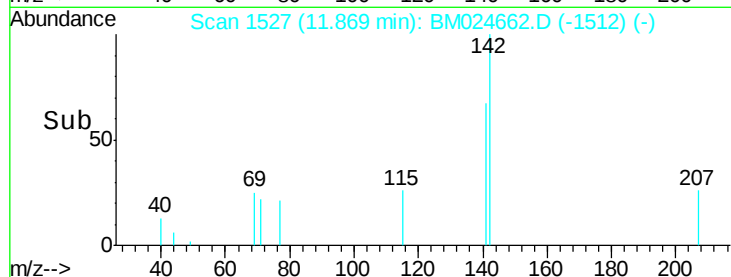
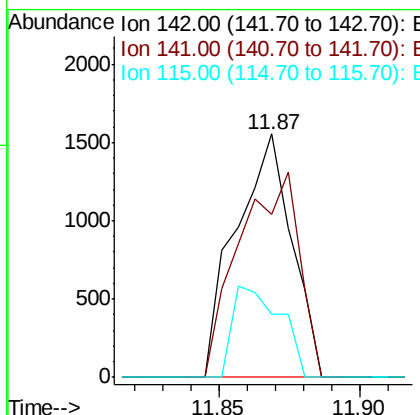
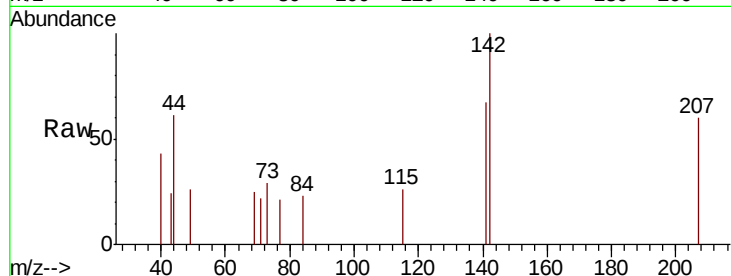




#37
 2-Methylnaphthalene
 Concen: 0.080 ng
 RT: 11.87 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BM024662.D
 Acq: 30 Jan 2020 17:21

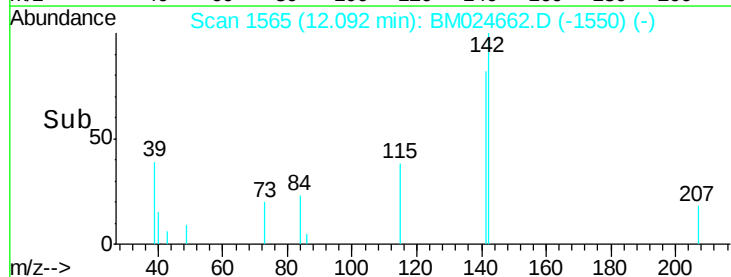
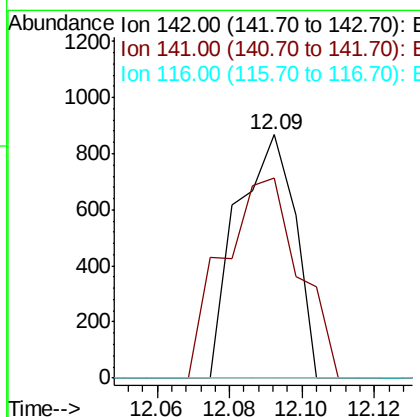
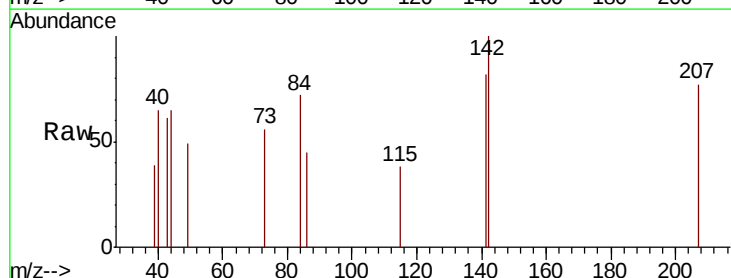
Instrument :
 BNA_M
 ClientSampleId :

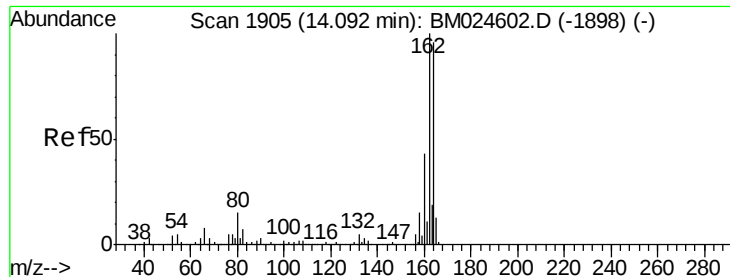
Tot Ion:142 Resp: 2139
 Ion Ratio Lower Upper
 142 100
 141 66.9 70.2 105.2#
 115 26.2 29.7 44.5#



#38
 1-Methylnaphthalene
 Concen: 0.038 ng
 RT: 12.09 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BM024662.D
 Acq: 30 Jan 2020 17:21

Tgt Ion:142 Resp: 967
 Ion Ratio Lower Upper
 142 100
 141 82.1 72.8 109.2
 116 0.0 3.2 4.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampleId :

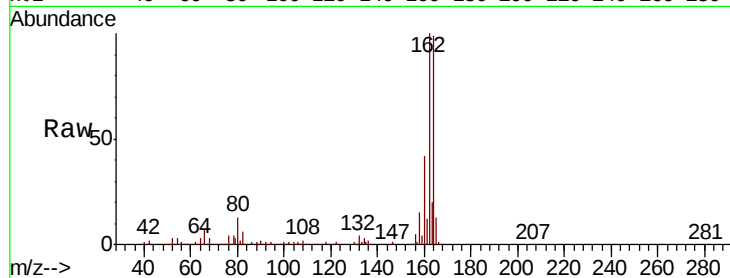
Tot Ion:164 Resp: 457185

Ion Ratio Lower Upper

164 100

162 101.1 82.9 124.3

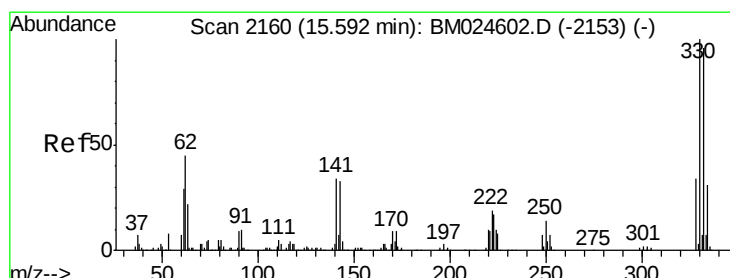
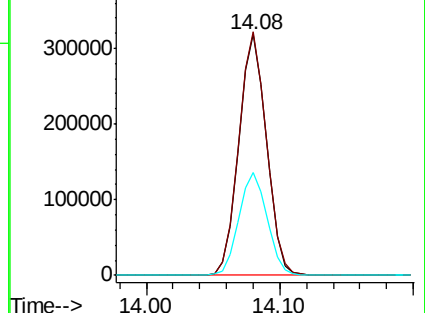
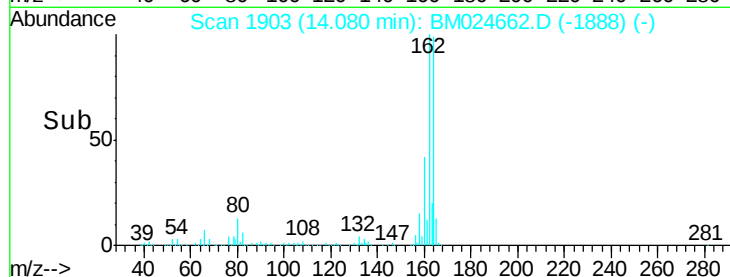
160 42.9 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 131.791 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

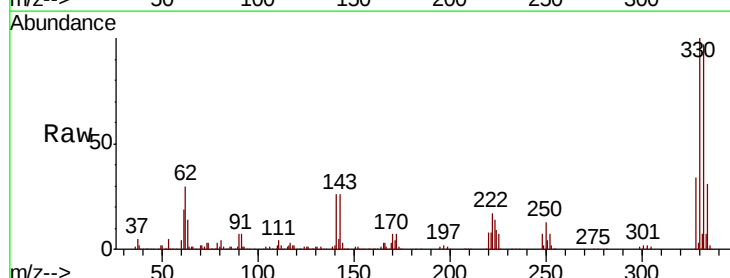
Tgt Ion:330 Resp: 980102

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

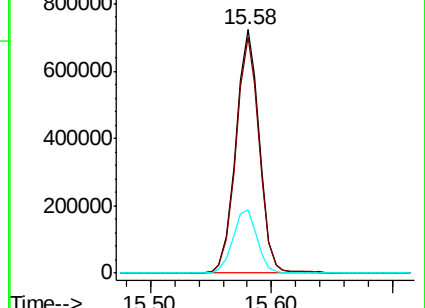
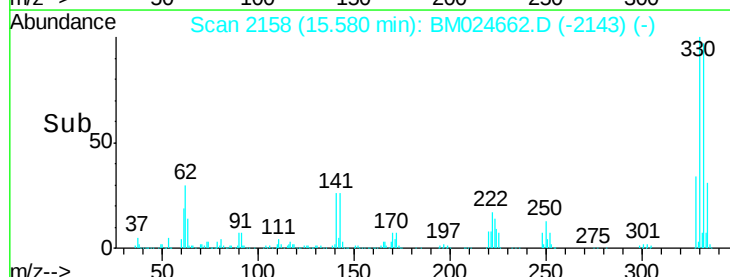
141 26.9 26.9 40.3

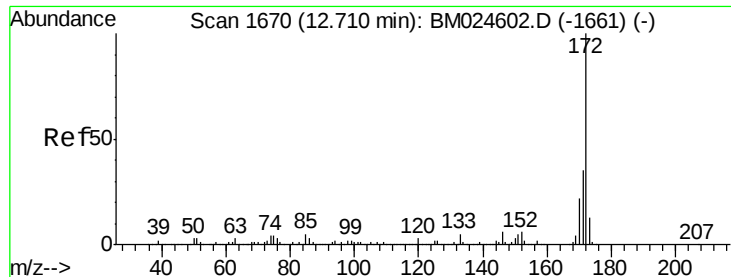


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

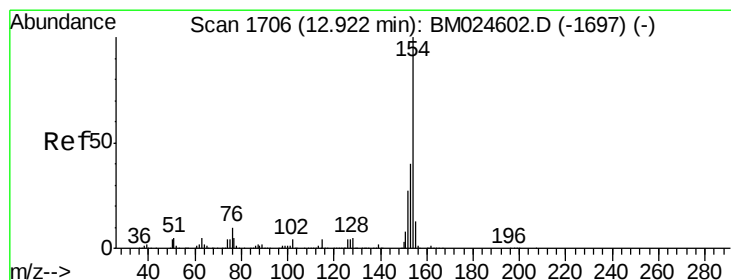
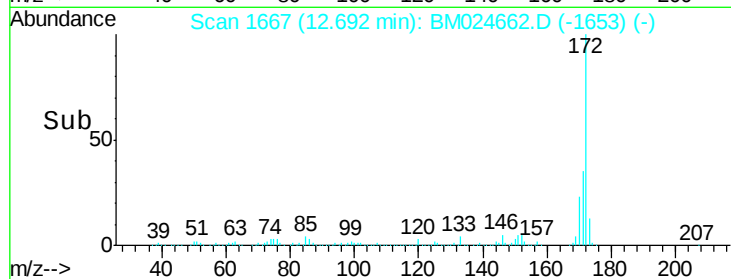
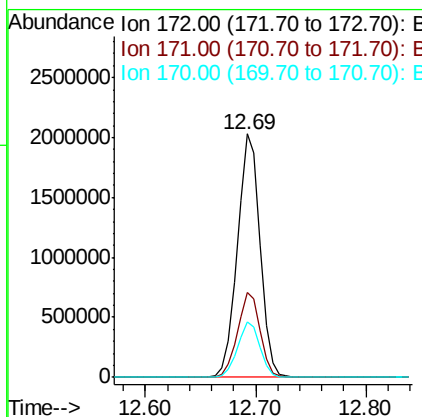
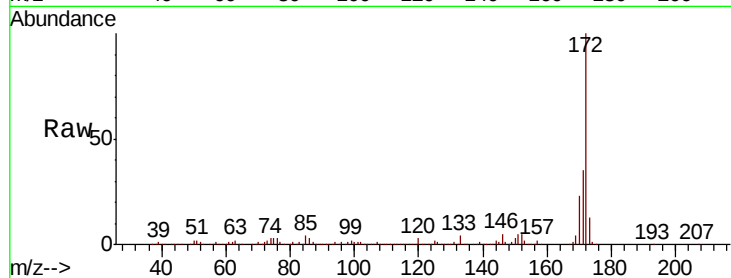




#45
 2-Fluorobiphenyl
 Concen: 86.991 ng
 RT: 12.69 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM024662.D
 Acq: 30 Jan 2020 17:21

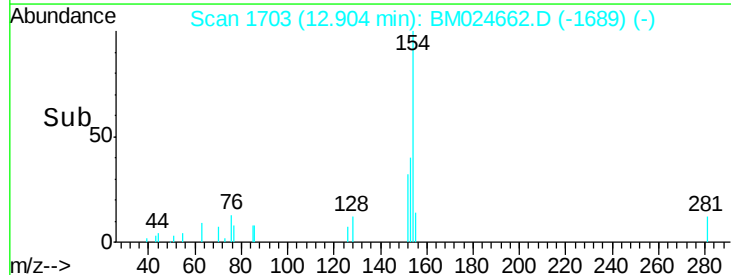
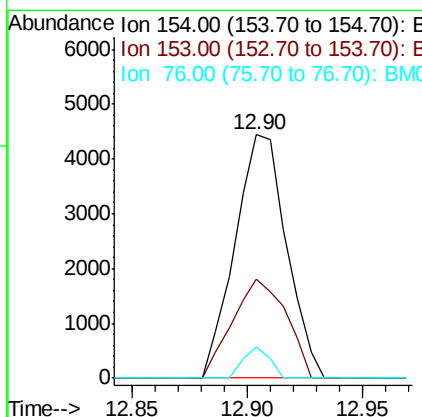
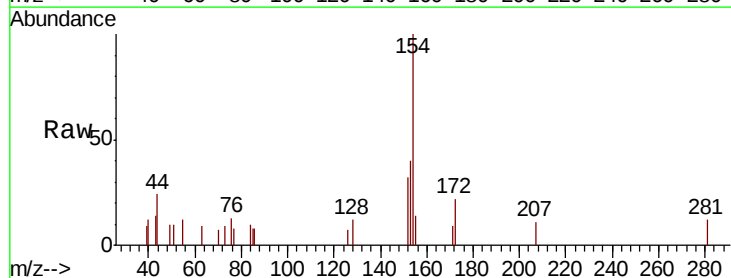
Instrument :
 BNA_M
 ClientSampled :

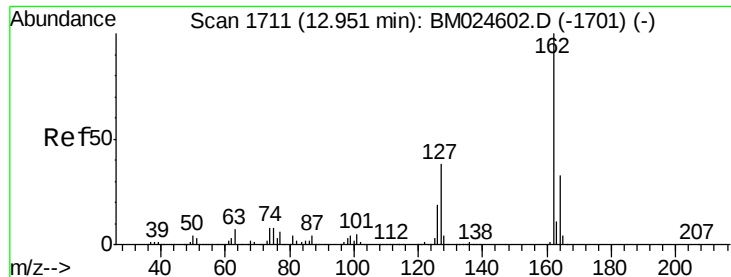
Tot Ion:172 Resp: 2925392
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 22.8 17.9 26.9



#46
 1,1'-Biphenyl
 Concen: 0.199 ng
 RT: 12.90 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM024662.D
 Acq: 30 Jan 2020 17:21

Tgt Ion:154 Resp: 6899
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.3 60.3
 76 12.9 0.0 30.5





#47

2-Chloronaphthalene

Concen: 0.010 ng

RT: 12.94 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampleId :

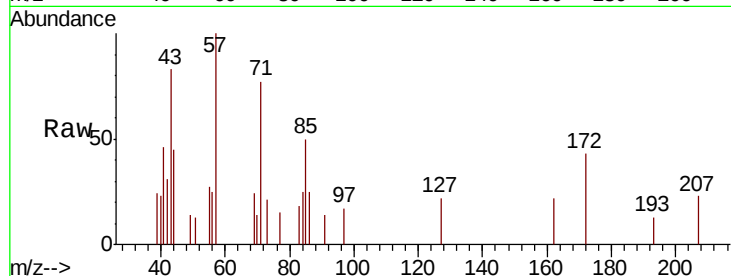
Tot Ion:162 Resp: 288

Ion Ratio Lower Upper

162 100

127 96.3 30.4 45.6#

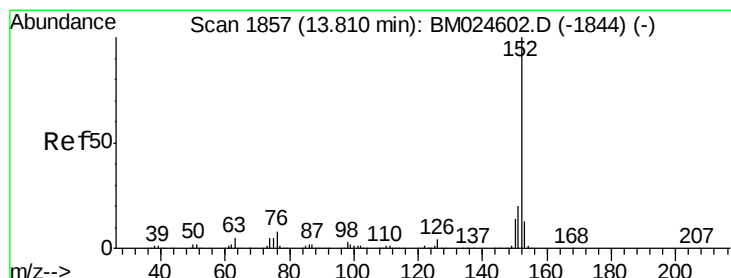
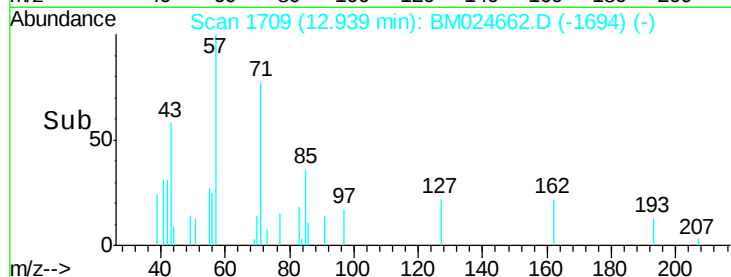
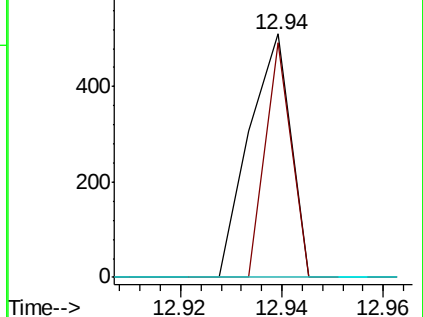
164 0.0 26.5 39.7#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthylene

Concen: 0.019 ng

RT: 13.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

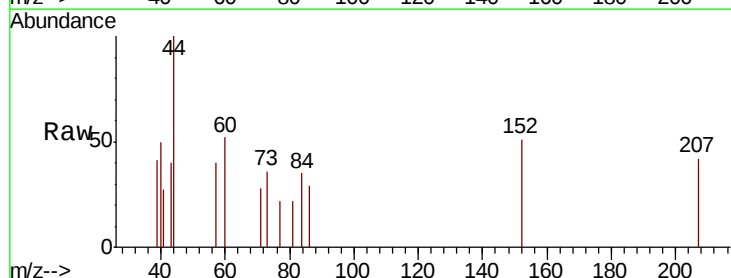
Tgt Ion:152 Resp: 813

Ion Ratio Lower Upper

152 100

151 0.0 15.8 23.6#

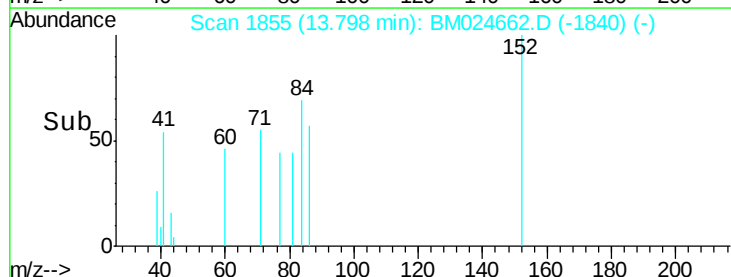
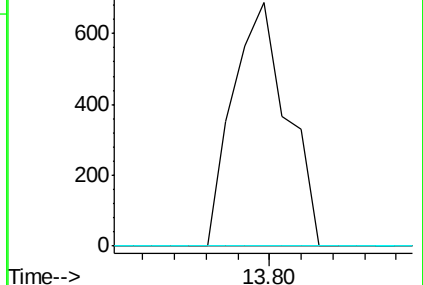
153 0.0 10.4 15.6#

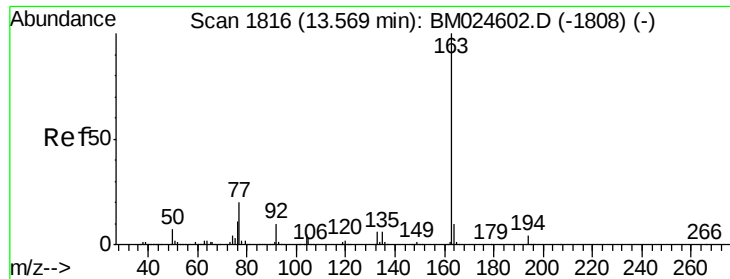


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#50

Dimethylphthalate

Concen: 2.981 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampled :

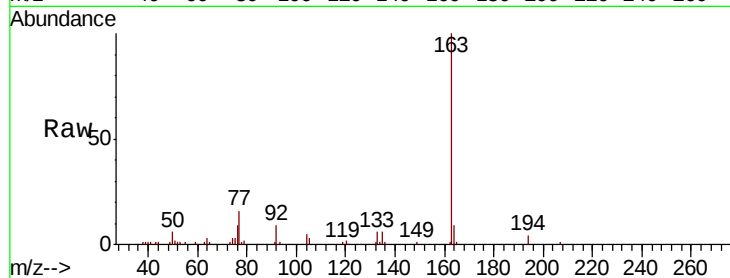
Tot Ion:163 Resp: 110203

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 8.6 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

100000

80000

60000

40000

20000

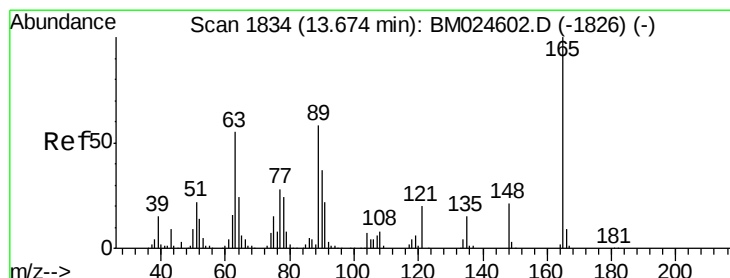
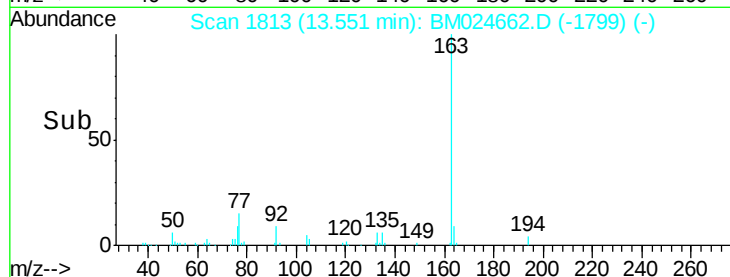
0

13.55

13.50

13.60

Time-->



#51

2,6-Dinitrotoluene

Concen: 0.030 ng

RT: 13.63 min Scan# 1827

Delta R.T. -0.04 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

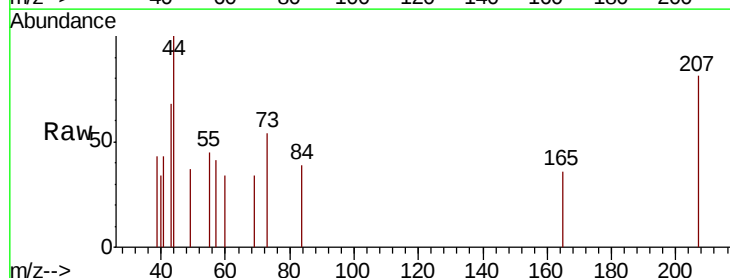
Tgt Ion:165 Resp: 232

Ion Ratio Lower Upper

165 100

63 0.0 45.4 68.0#

89 0.0 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

500

400

300

200

100

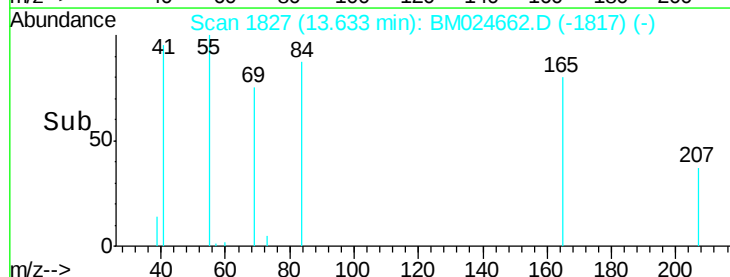
0

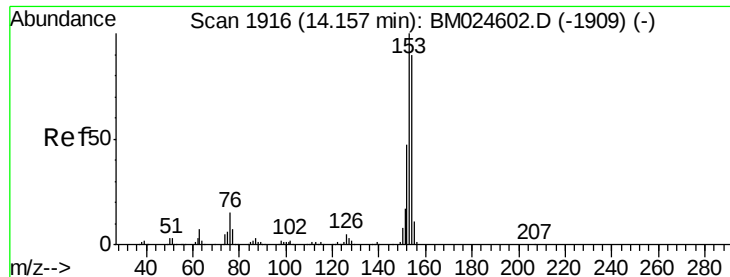
13.63

13.62

13.64

Time-->





#52

Acenaphthene

Concen: 0.013 ng

RT: 14.15 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampleId :

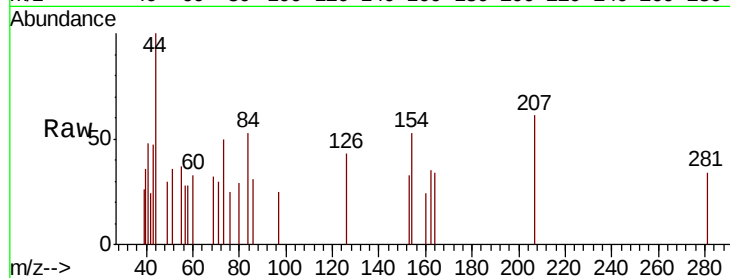
Tot Ion:154 Resp: 346

Ion Ratio Lower Upper

154 100

153 61.4 89.1 133.7#

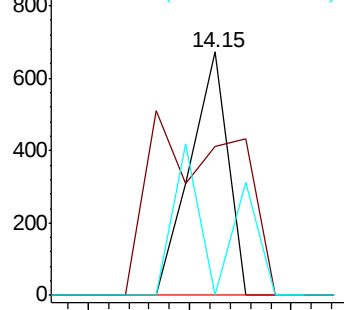
152 0.0 41.9 62.9#



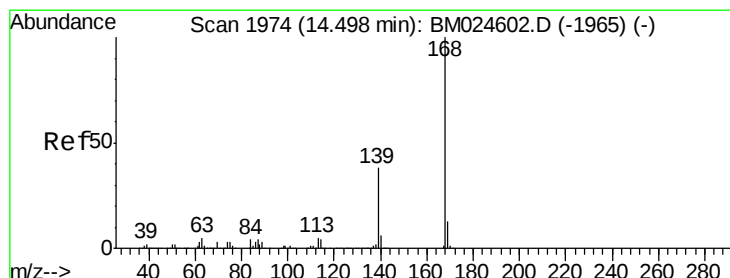
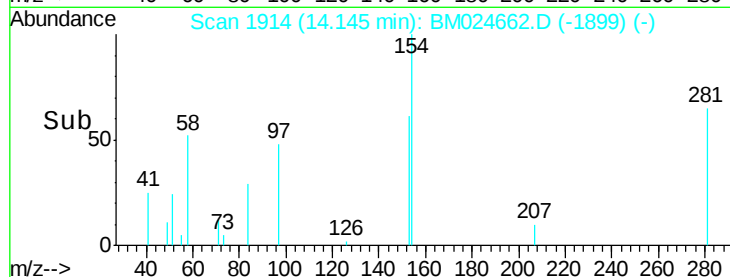
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#55

Dibenzofuran

Concen: 0.017 ng

RT: 14.49 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

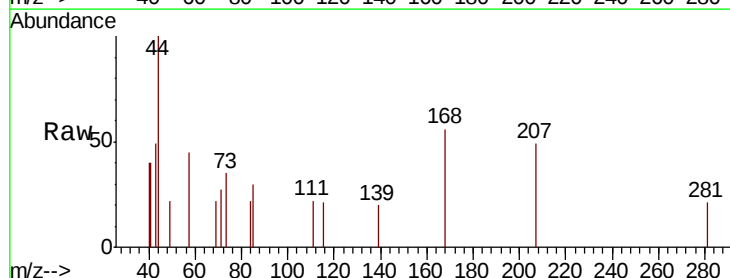
Tgt Ion:168 Resp: 704

Ion Ratio Lower Upper

168 100

139 35.7 30.2 45.4

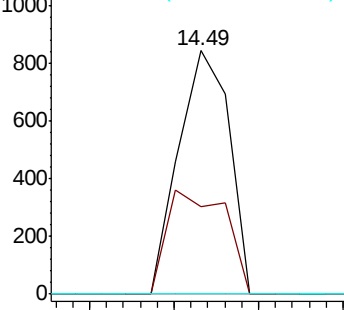
169 0.0 10.7 16.1#



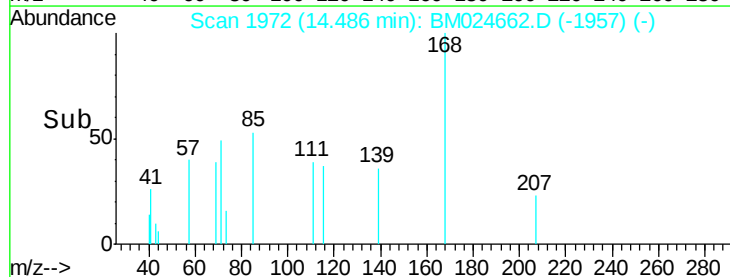
Abundance Ion 168.00 (167.70 to 168.70): E

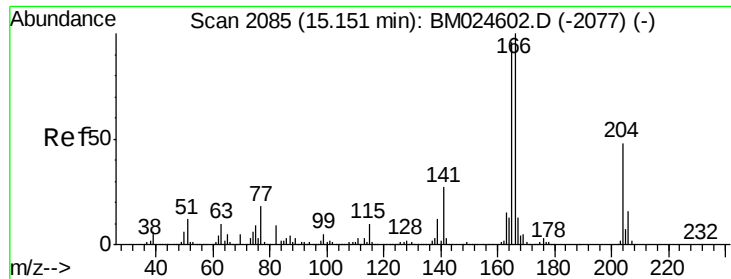
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->





#58

Fluorene

Concen: 0.020 ng

RT: 15.13 min Scan# 2082

Delta R.T. -0.02 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampled :

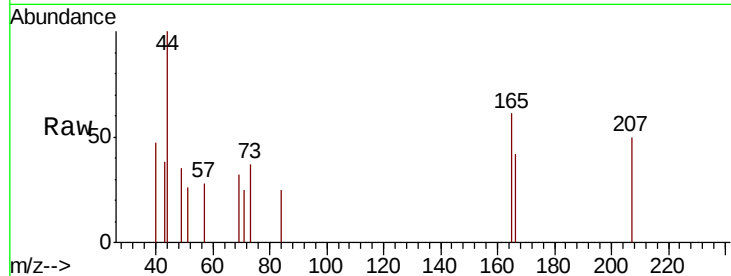
Tot Ion:166 Resp: 715

Ion Ratio Lower Upper

166 100

165 146.6 76.6 114.8#

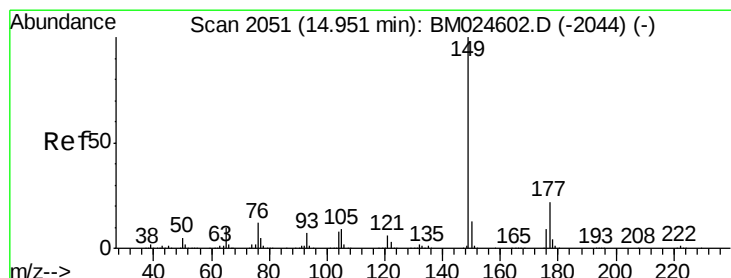
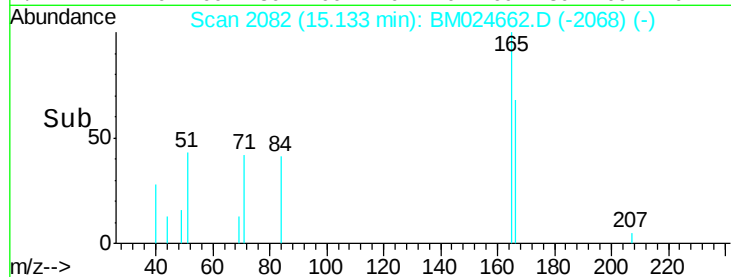
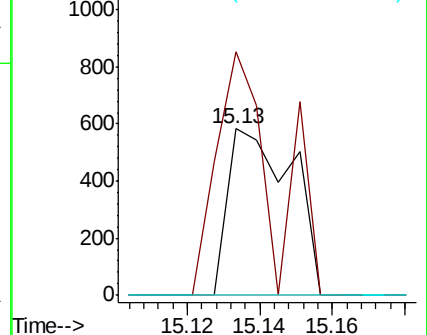
167 0.0 10.8 16.2#



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



#60

Diethylphthalate

Concen: 0.039 ng

RT: 14.93 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

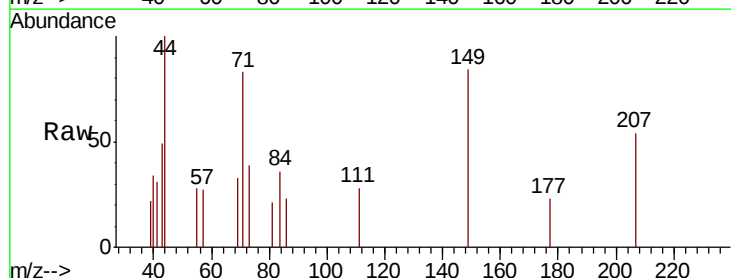
Tgt Ion:149 Resp: 1460

Ion Ratio Lower Upper

149 100

177 27.5 18.0 27.0#

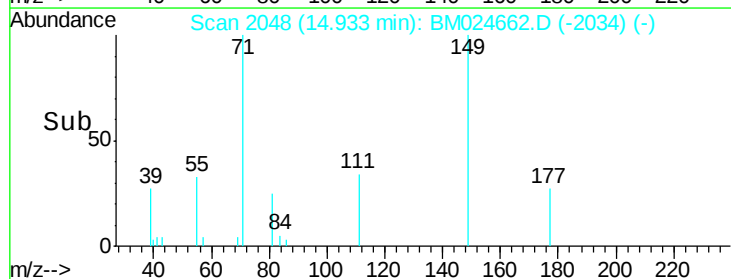
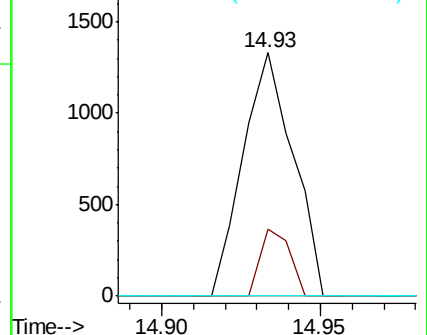
150 0.0 10.2 15.4#

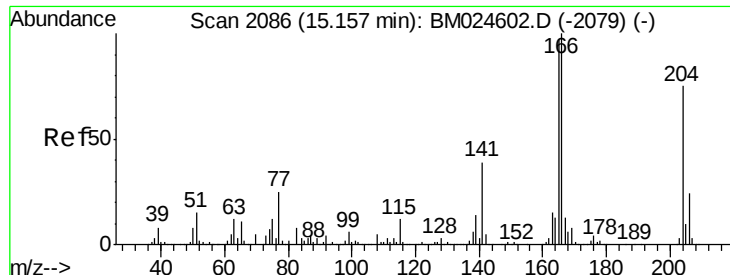


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

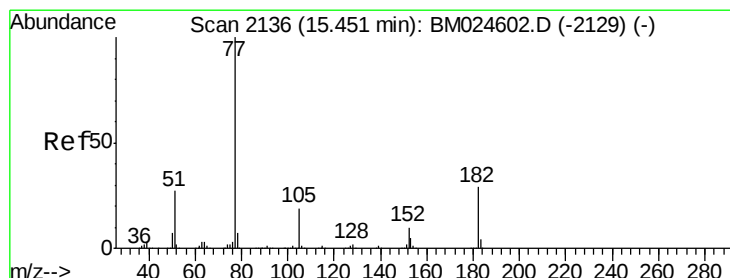
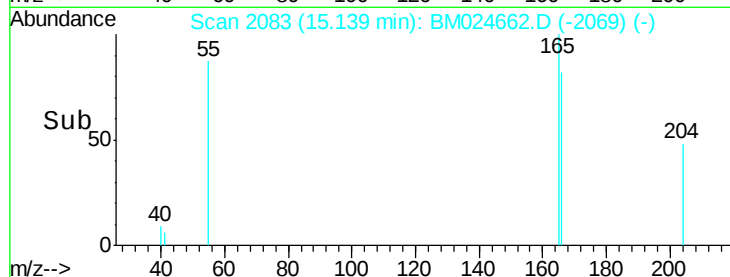
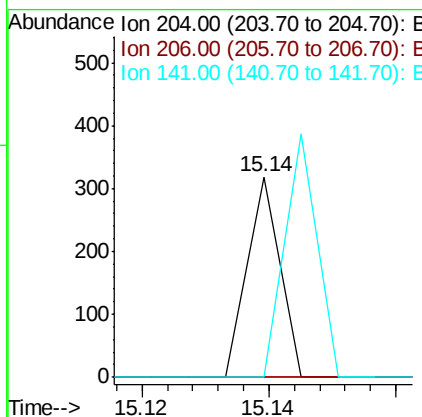
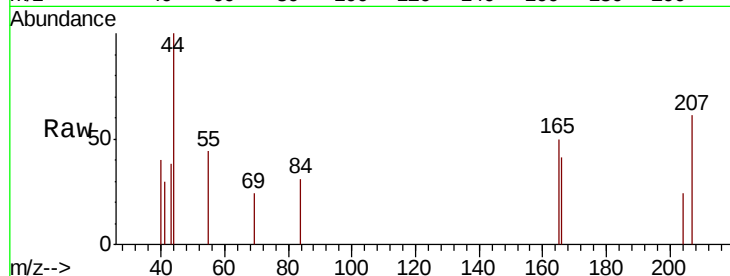




#61
 4-Chlorophenyl-phenylether
 Concen: 0.005 ng
 RT: 15.14 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: BM024662.D
 Acq: 30 Jan 2020 17:21

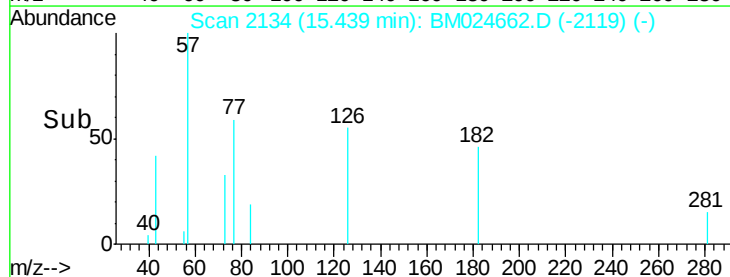
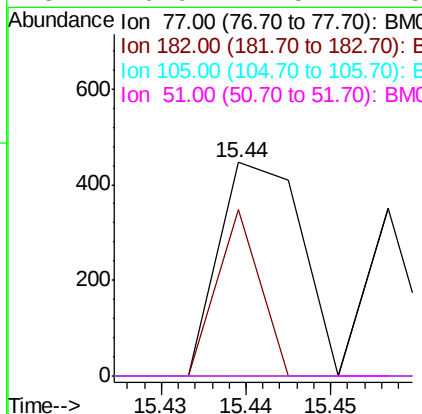
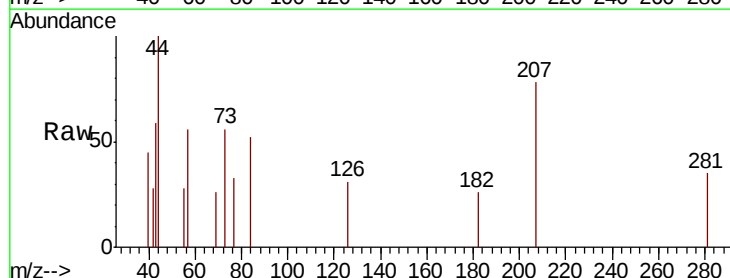
Instrument :
 BNA_M
 ClientSampled :

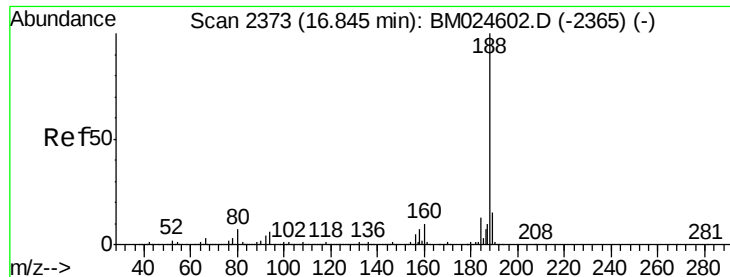
Tot Ion: 204 Resp: 112
 Ion Ratio Lower Upper
 204 100
 206 0.0 26.2 39.2#
 141 0.0 42.2 63.2#



#63
 Azobenzene
 Concen: 0.009 ng
 RT: 15.44 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM024662.D
 Acq: 30 Jan 2020 17:21

Tgt Ion: 77 Resp: 302
 Ion Ratio Lower Upper
 77 100
 182 77.8 8.7 48.7#
 105 0.0 0.0 39.2
 51 0.0 7.5 47.5#

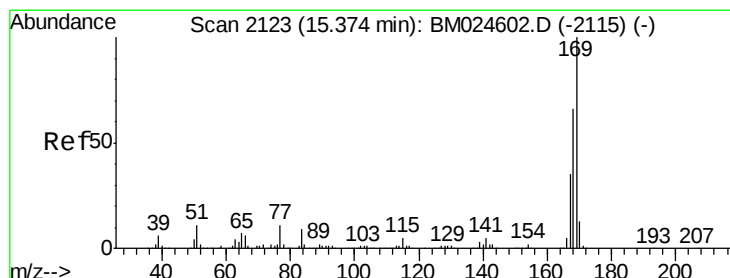
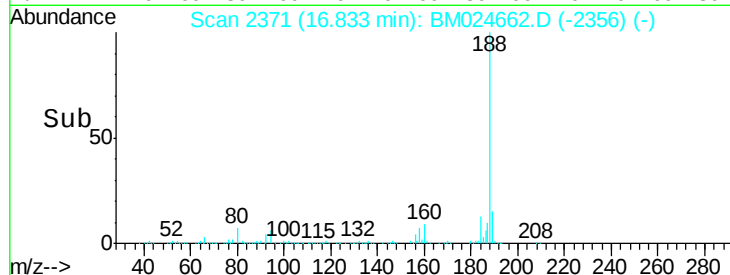
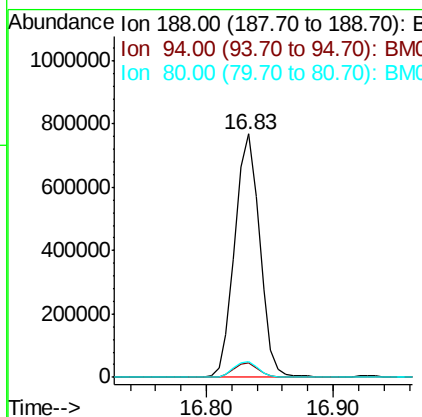
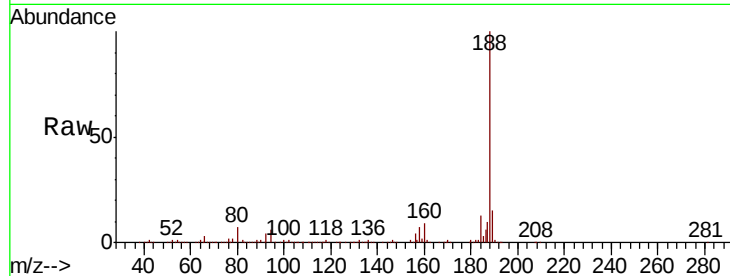




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

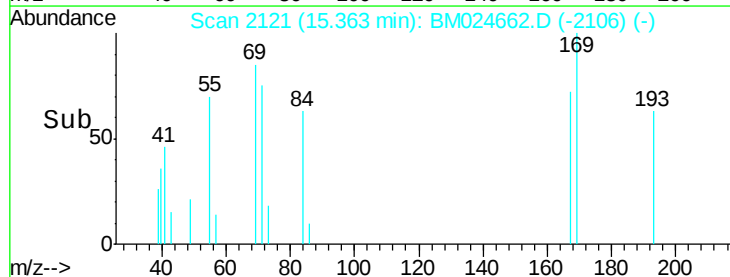
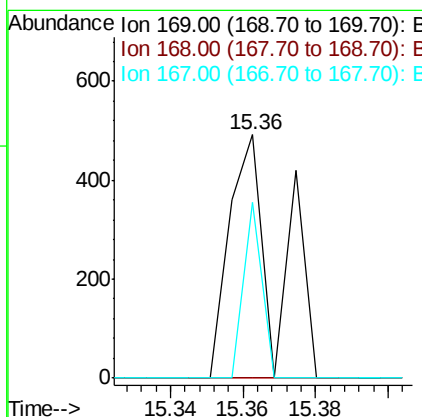
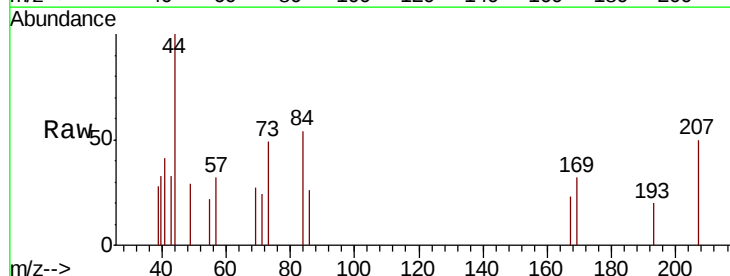
Instrument :
BNA_M
ClientSampled :

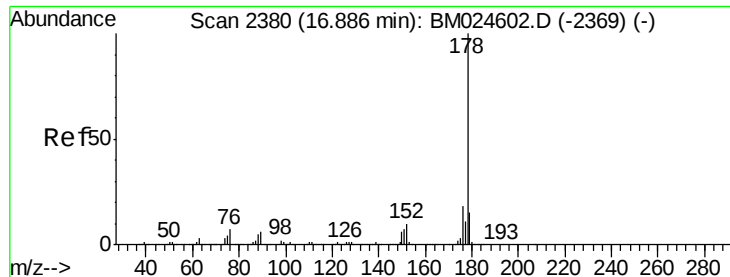
Tot Ion:188 Resp: 1043881
Ion Ratio Lower Upper
188 100
94 5.9 5.0 7.6
80 6.5 5.8 8.8



#66
n-Nitrosodiphenylamine
Concen: 0.015 ng
RT: 15.36 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

Tgt Ion:169 Resp: 449
Ion Ratio Lower Upper
169 100
168 0.0 52.8 79.2#
167 72.4 28.2 42.2#

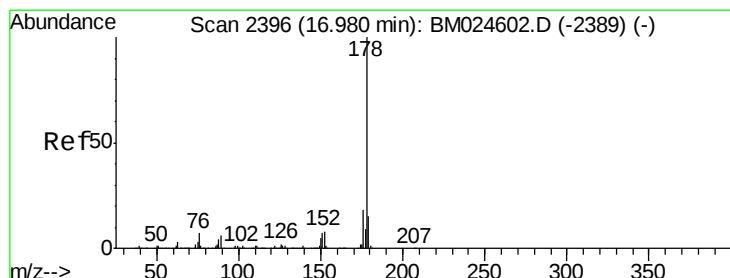
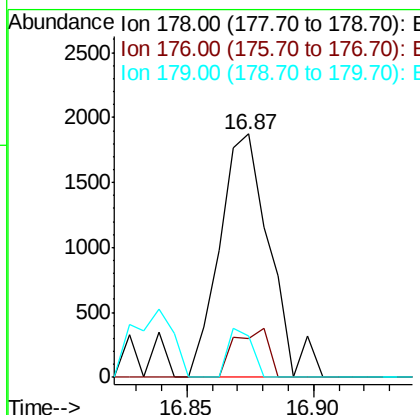
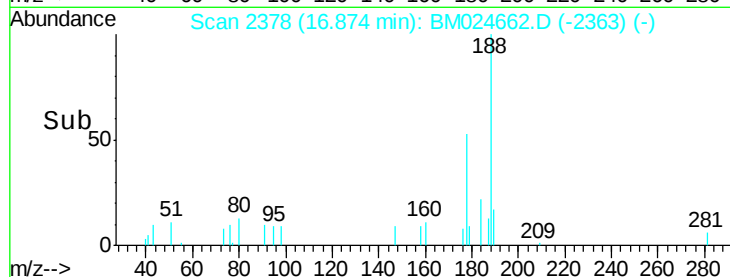
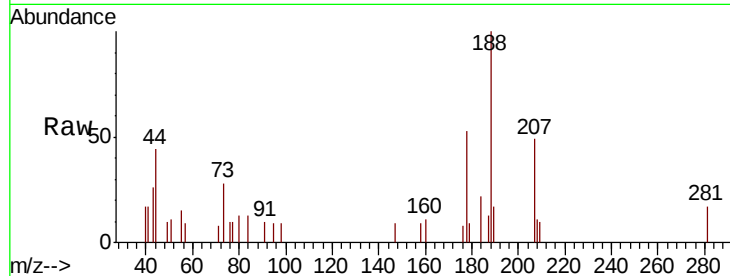




#71
Phenanthrene
Concen: 0.045 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

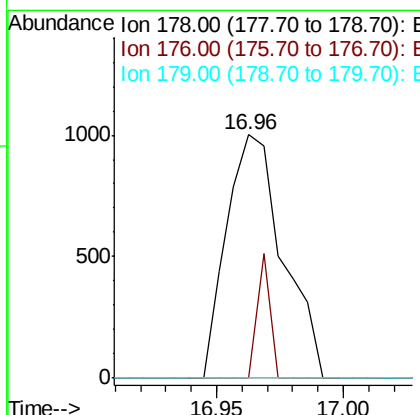
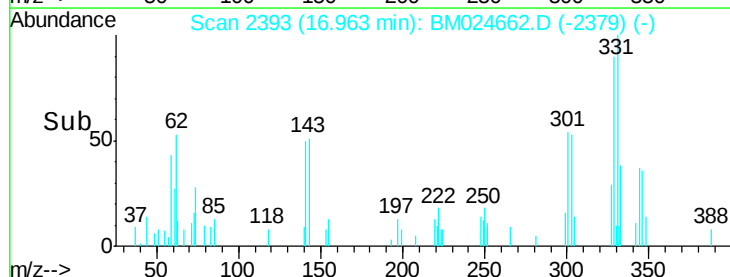
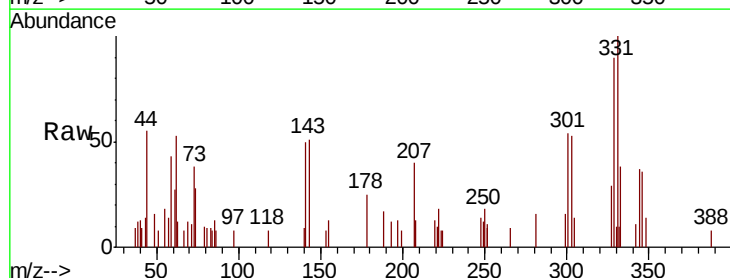
Instrument :
BNA_M
ClientSampled :

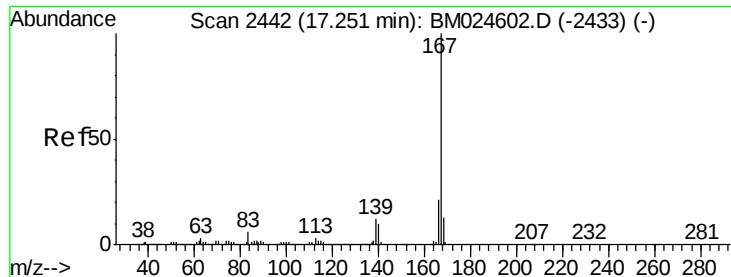
Tot Ion:178 Resp: 2561
Ion Ratio Lower Upper
178 100
176 16.0 14.5 21.7
179 17.2 11.9 17.9



#72
Anthracene
Concen: 0.028 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

Tgt Ion:178 Resp: 1555
Ion Ratio Lower Upper
178 100
176 0.0 14.3 21.5#
179 0.0 12.1 18.1#

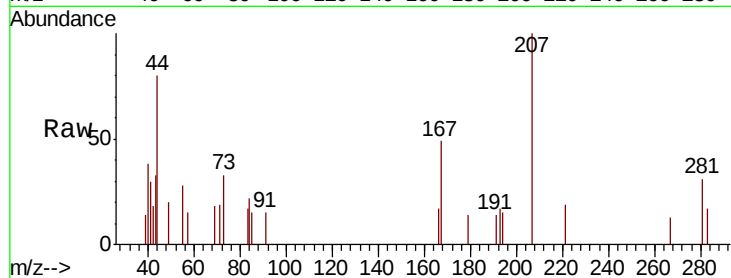




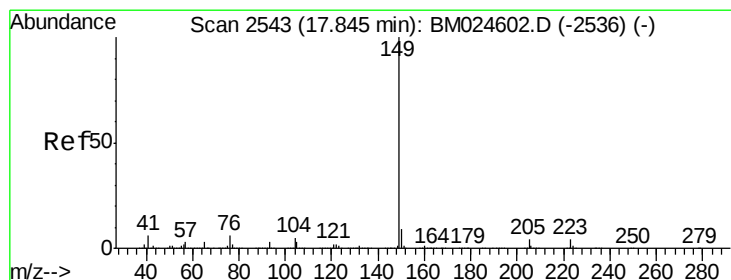
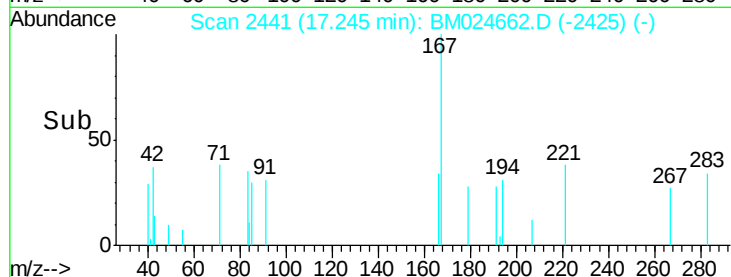
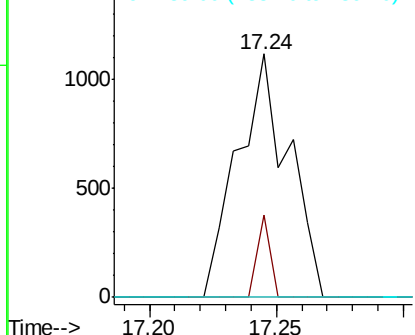
#73
 Carbazole
 Concen: 0.031 ng
 RT: 17.24 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BM024662.D
 Acq: 30 Jan 2020 17:21

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 1574
 Ion Ratio Lower Upper
 167 100
 166 34.1 17.1 25.7#
 139 0.0 9.8 14.8#

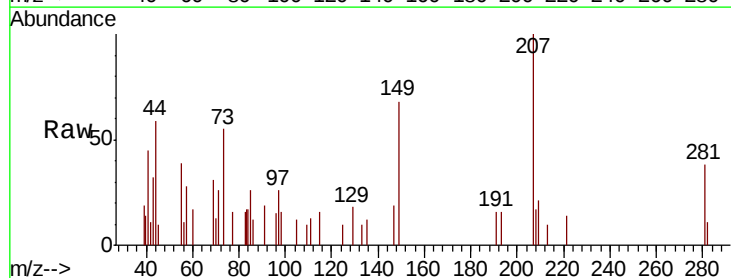


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

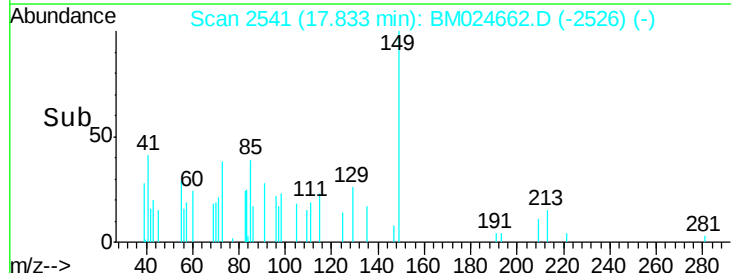
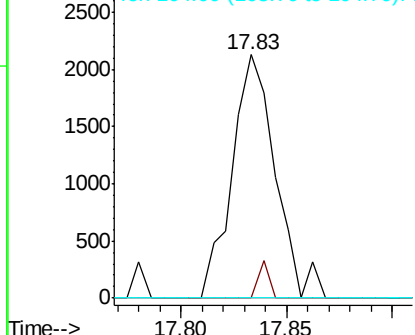


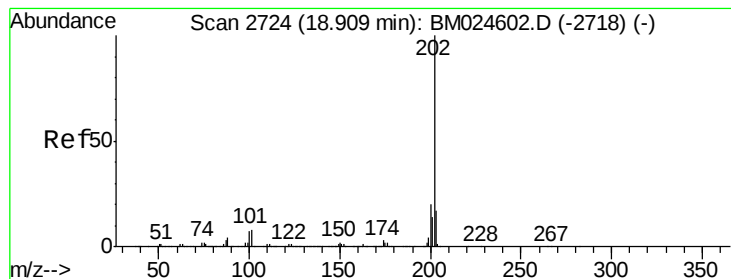
#74
 Di-n-butylphthalate
 Concen: 0.047 ng
 RT: 17.83 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BM024662.D
 Acq: 30 Jan 2020 17:21

Tgt Ion:149 Resp: 3029
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.4 11.0#
 104 0.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 0.052 ng

RT: 18.90 min Scan# 2723

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampleId :

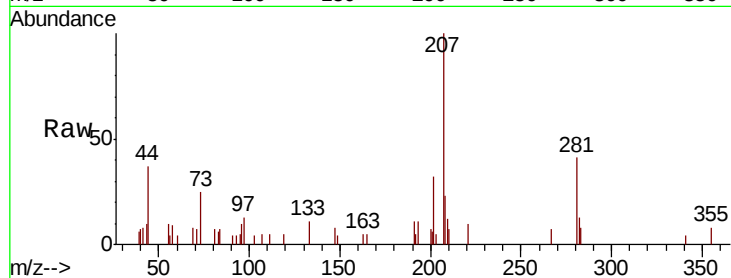
Tot Ion:202 Resp: 3659

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.4

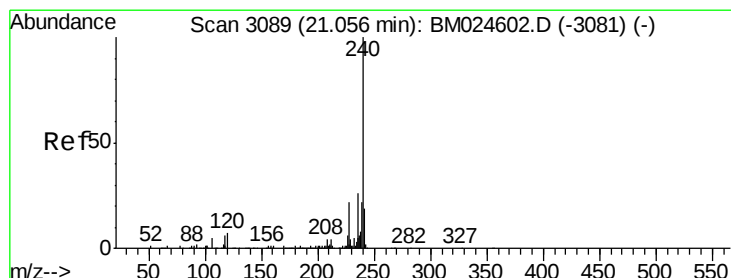
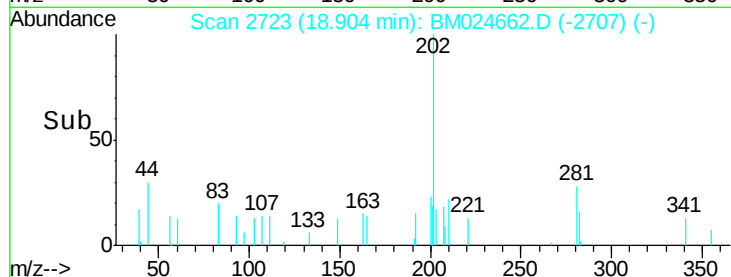
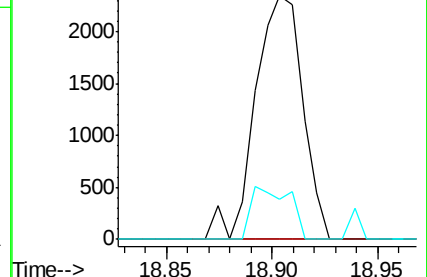
203 16.5 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

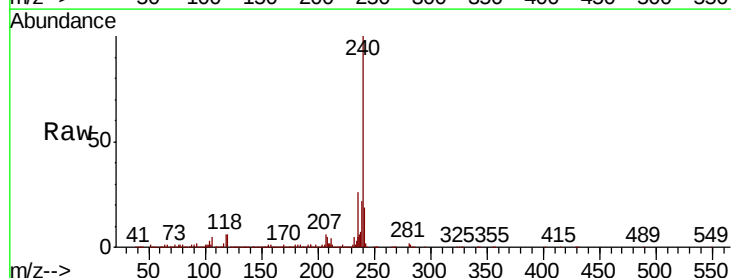
Tgt Ion:240 Resp: 1255896

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

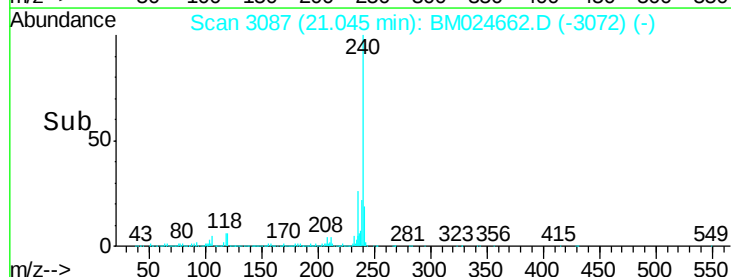
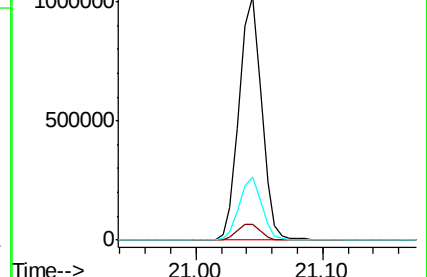
236 26.1 20.6 31.0

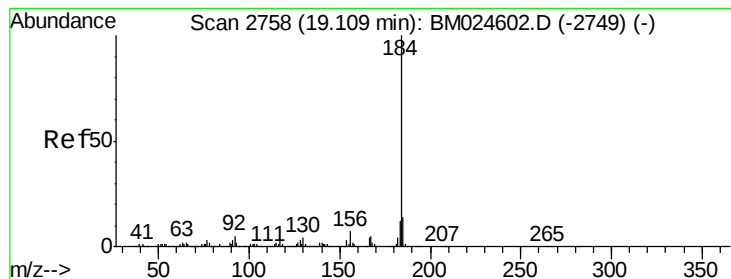


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.102 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampleId :

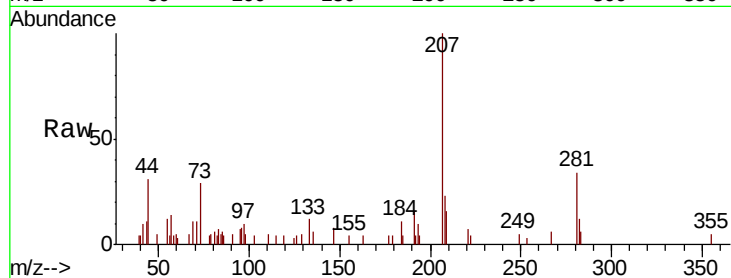
Tot Ion:184 Resp: 2988

Ion Ratio Lower Upper

184 100

185 36.8 11.3 16.9#

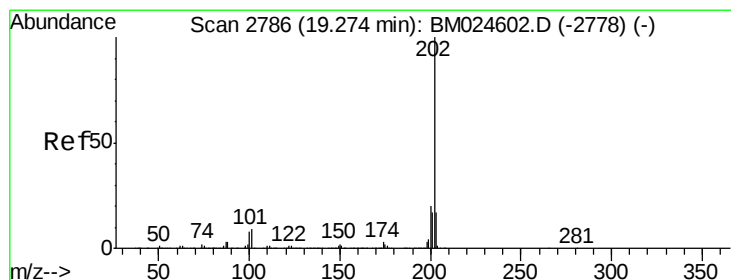
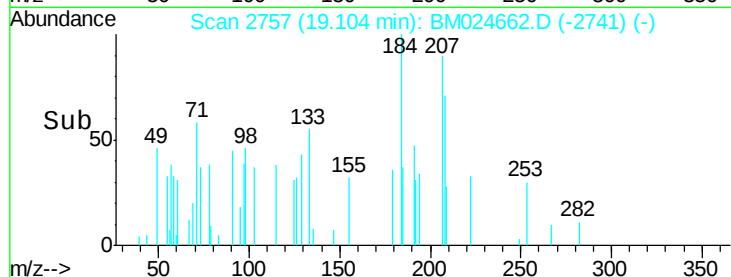
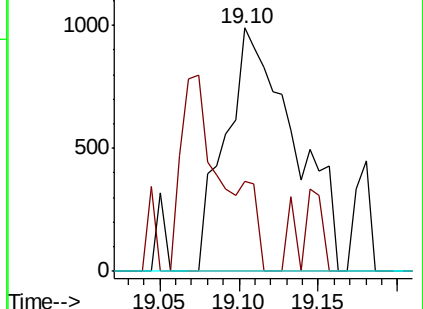
183 0.0 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.057 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

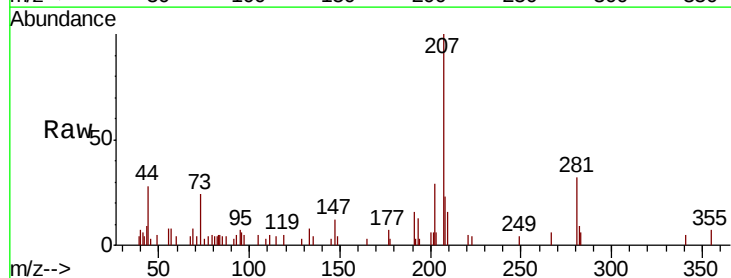
Tgt Ion:202 Resp: 4692

Ion Ratio Lower Upper

202 100

200 21.3 16.2 24.2

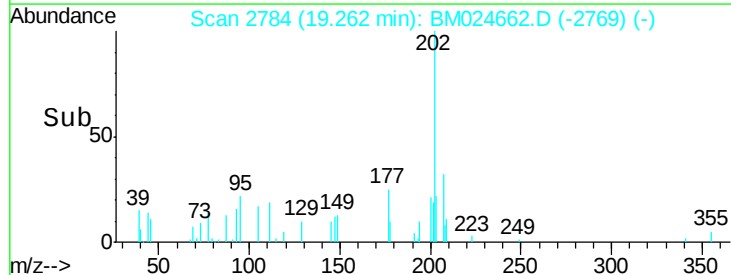
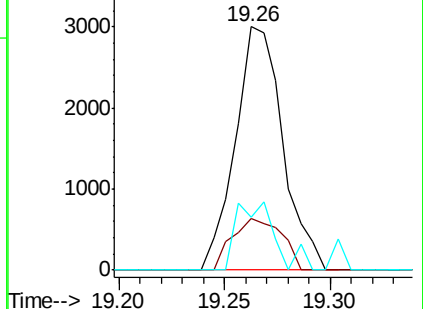
203 21.6 14.0 21.0#

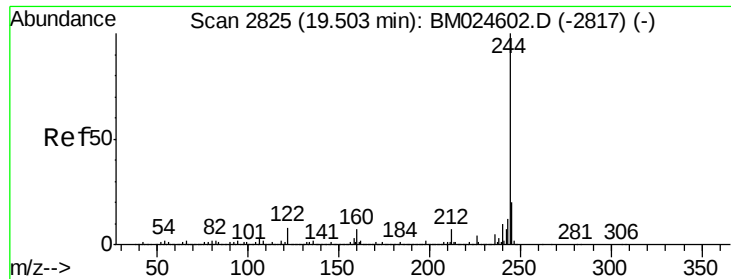


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.152 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampleId :

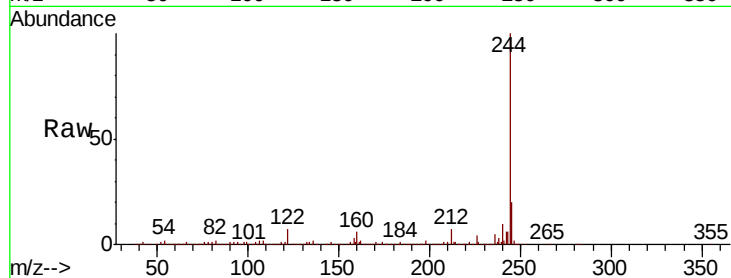
Tot Ion:244 Resp: 5526503

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

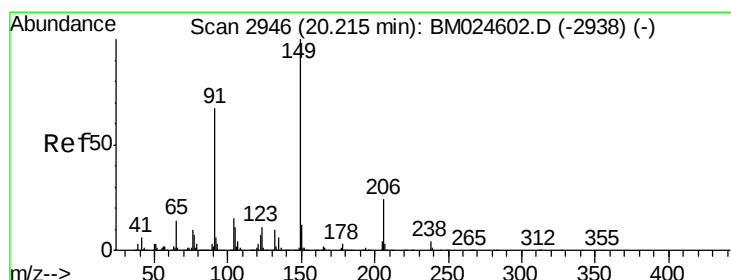
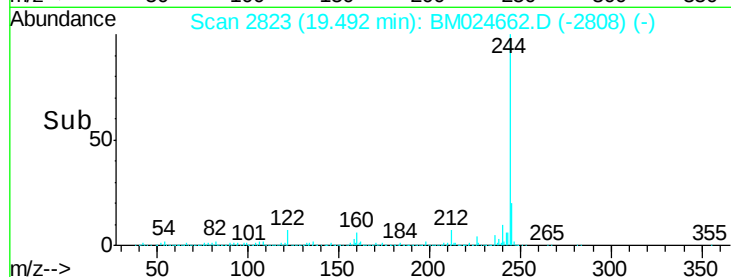
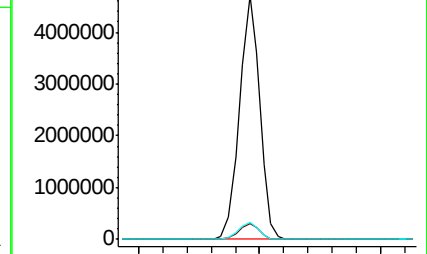
122 7.2 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.023 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

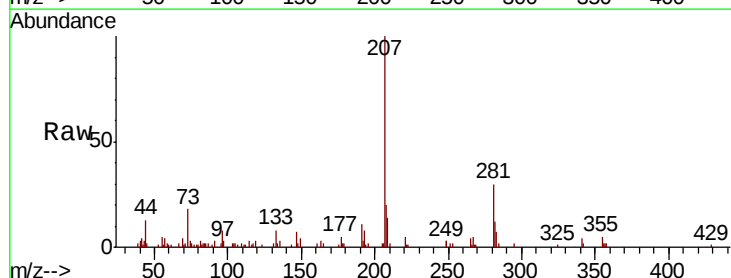
Tgt Ion:149 Resp: 808

Ion Ratio Lower Upper

149 100

91 80.7 53.9 80.9

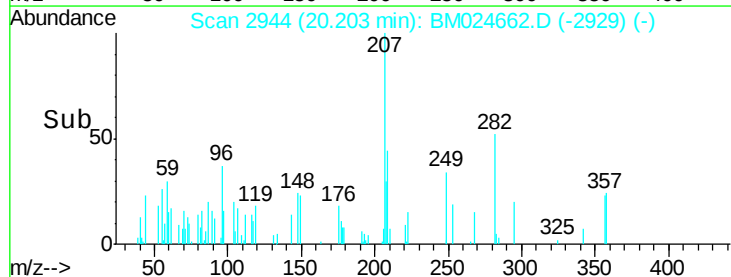
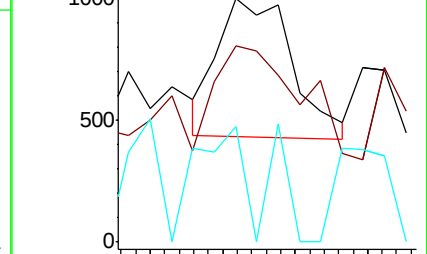
206 47.5 19.0 28.6#

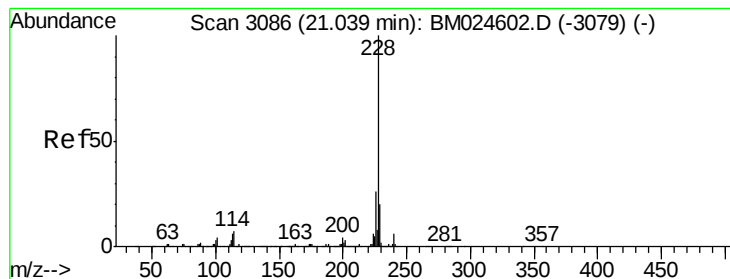


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.094 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampleId :

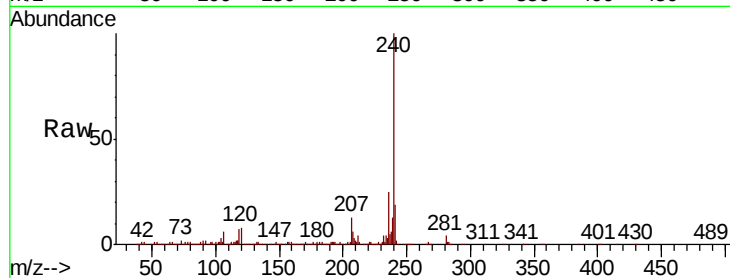
Tot Ion:228 Resp: 8180

Ion Ratio Lower Upper

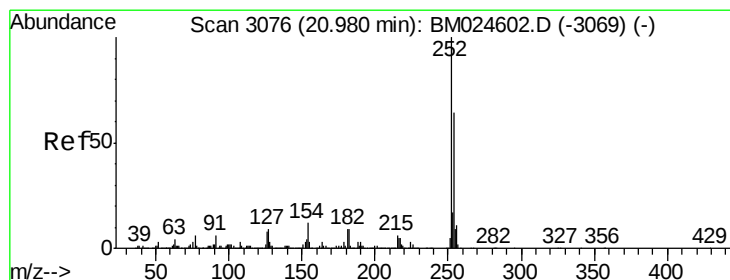
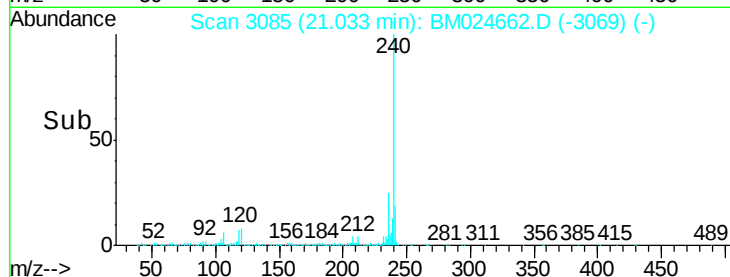
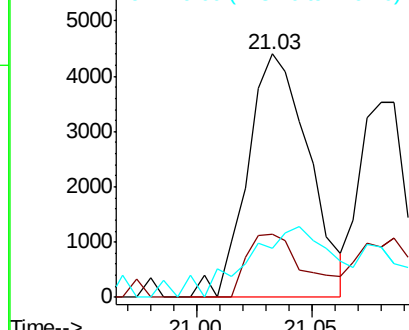
228 100

226 25.9 21.1 31.7

229 20.4 15.8 23.6



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



#82

3,3'-Dichlorobenzidine

Concen: 0.046 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

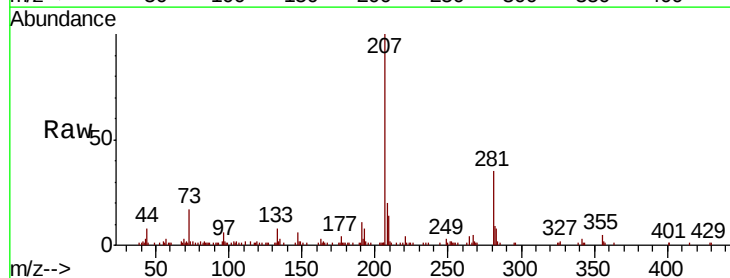
Tgt Ion:252 Resp: 1434

Ion Ratio Lower Upper

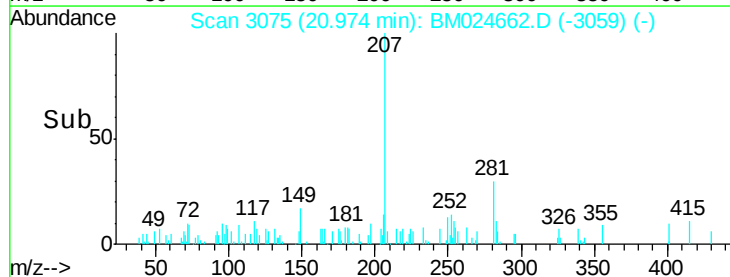
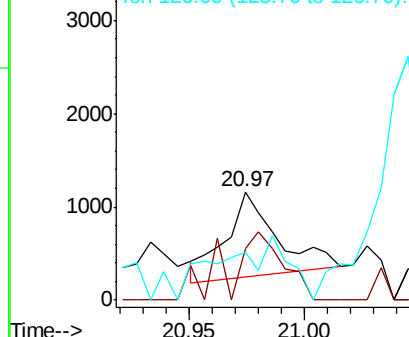
252 100

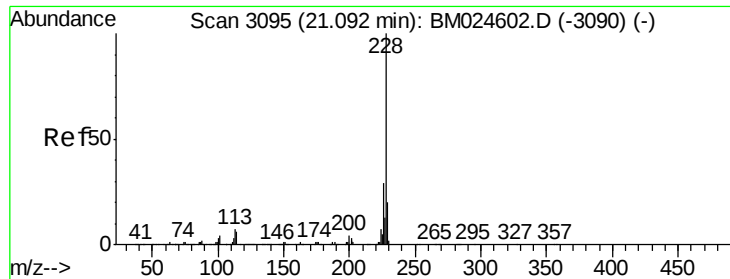
254 47.5 51.5 77.3#

126 43.9 6.7 10.1#



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

Chrysene

Concen: 0.060 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampleId :

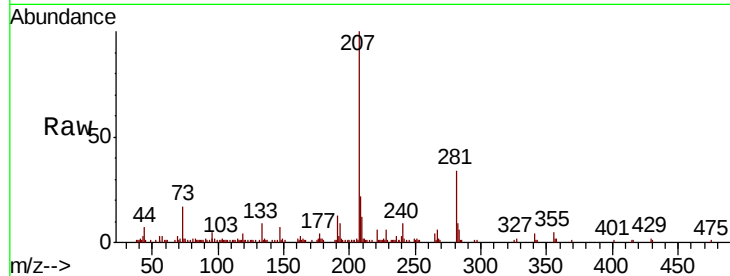
Tot Ion:228 Resp: 5012

Ion Ratio Lower Upper

228 100

226 30.6 23.2 34.8

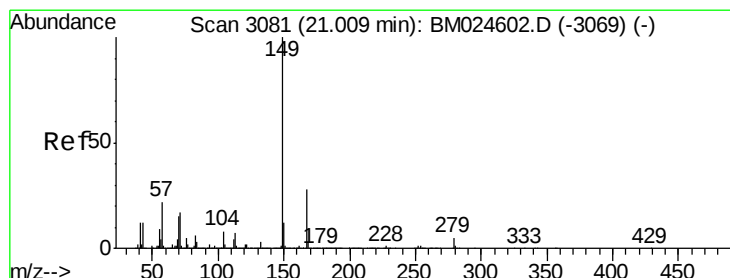
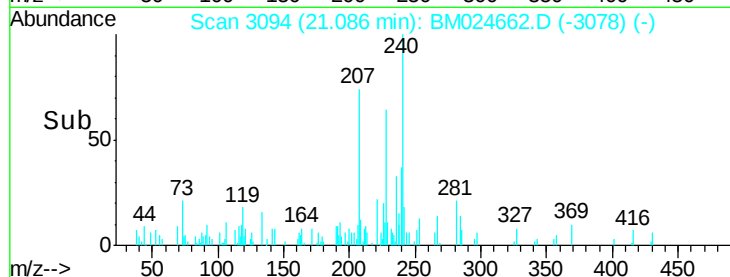
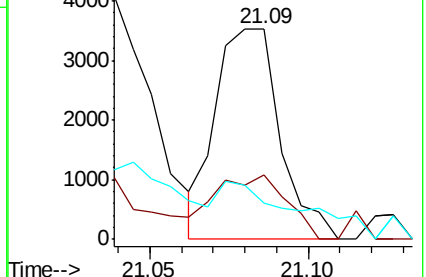
229 17.1 15.7 23.5



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

Bis(2-ethylhexyl)phthalate

Concen: 0.123 ng

RT: 21.00 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

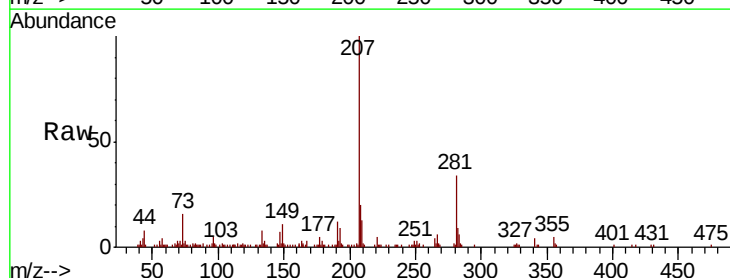
Tgt Ion:149 Resp: 6299

Ion Ratio Lower Upper

149 100

167 29.2 22.5 33.7

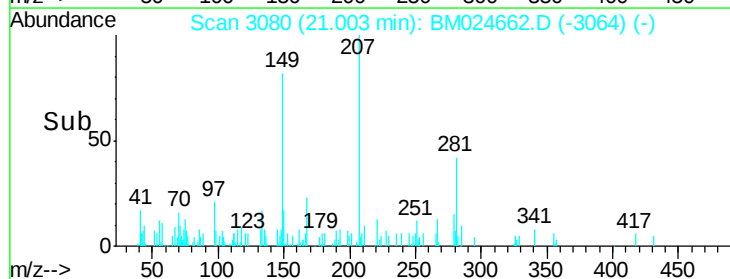
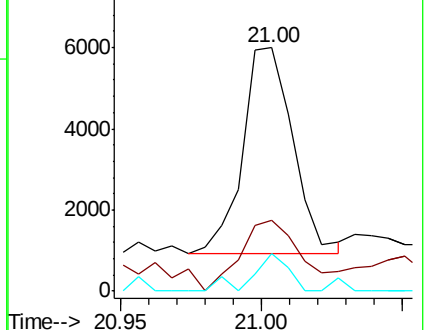
279 15.4 4.0 6.0#

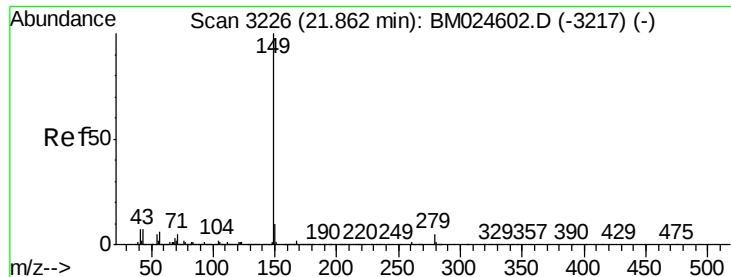


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

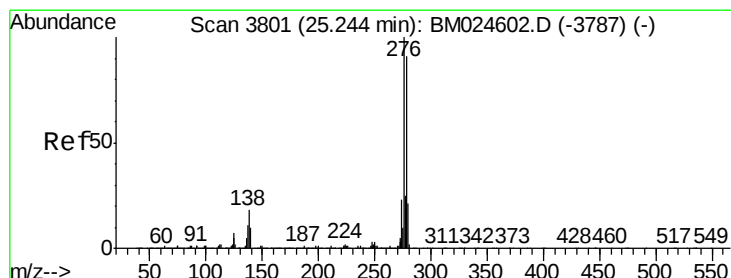
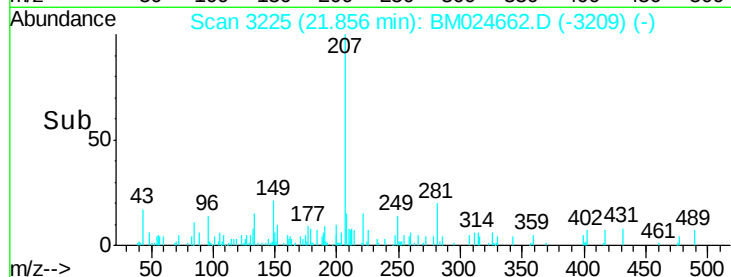
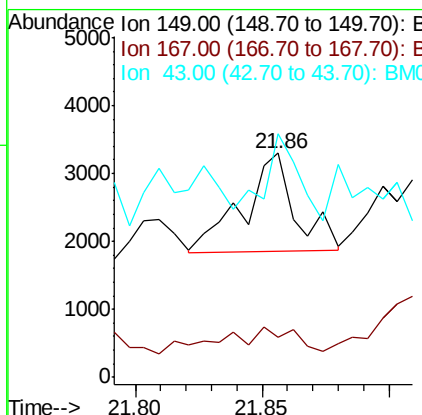
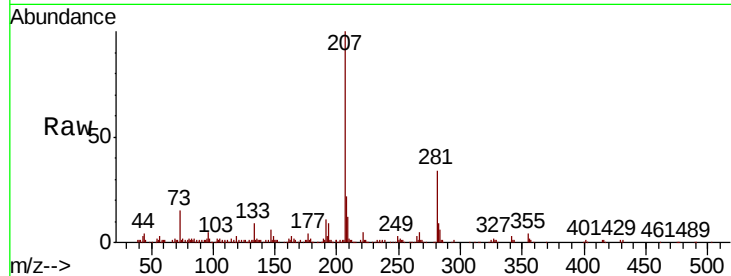




#85
Di-n-octyl phthalate
Concen: 0.025 ng
RT: 21.86 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

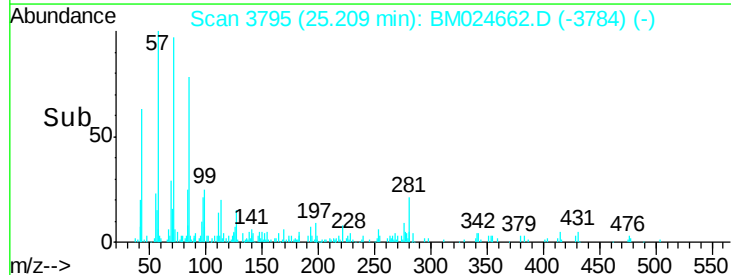
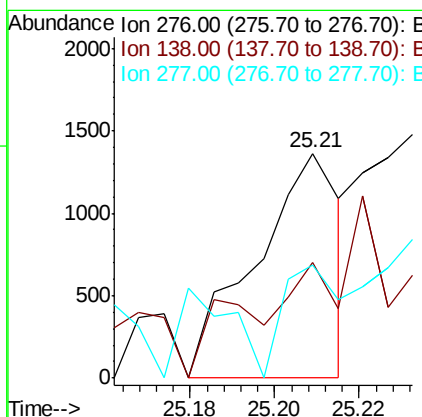
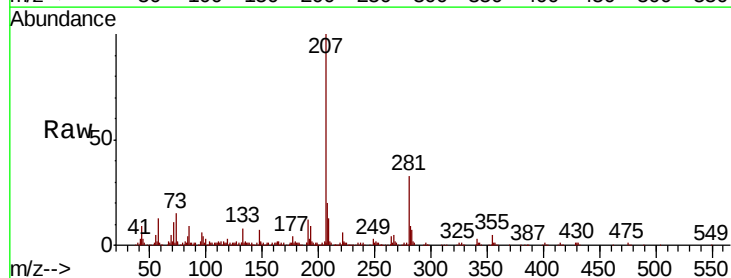
Instrument :
BNA_M
ClientSampled :

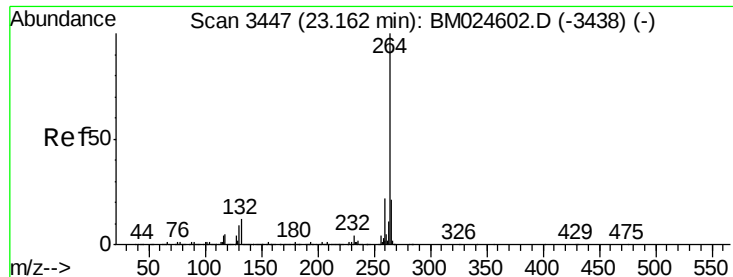
Tot Ion:149 Resp: 2079
Ion Ratio Lower Upper
149 100
167 37.2 1.3 1.9#
43 56.7 5.8 8.6#



#86
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 25.21 min Scan# 3795
Delta R.T. -0.04 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

Tgt Ion:276 Resp: 1903
Ion Ratio Lower Upper
276 100
138 0.0 13.4 20.0#
277 32.7 19.6 29.4#



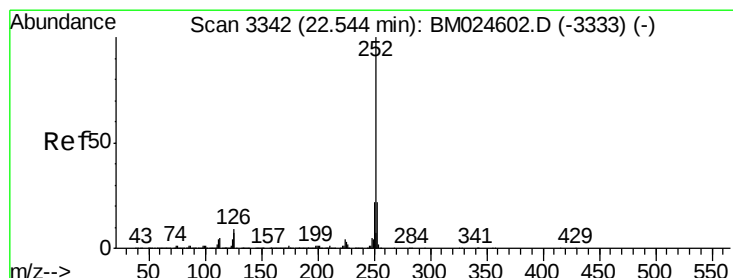
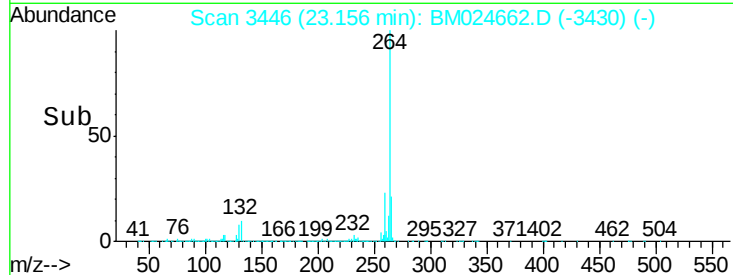
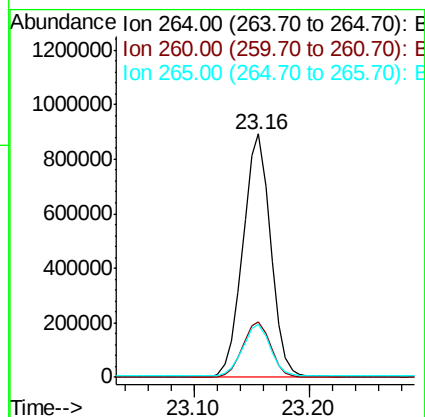
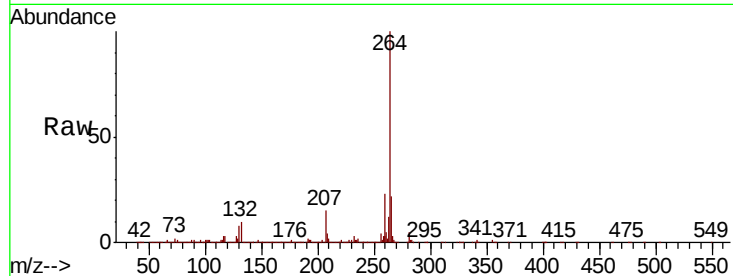


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1501773

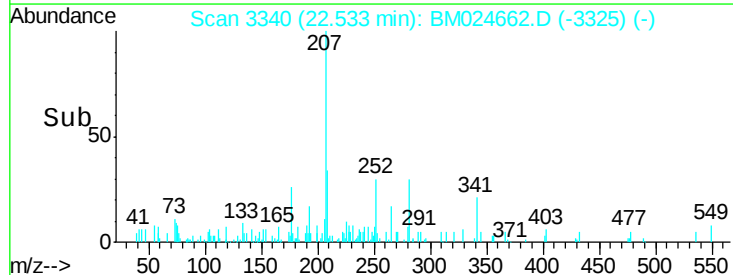
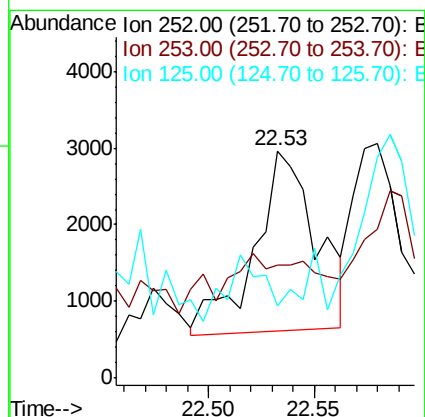
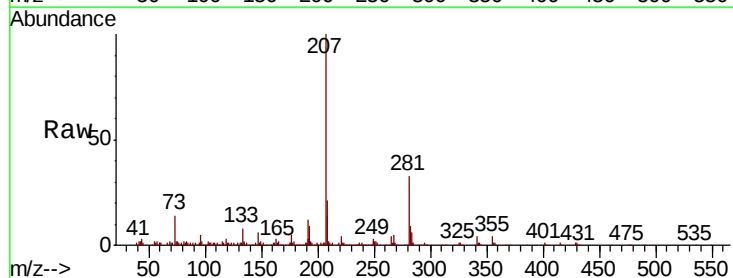
Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.7	17.3	25.9

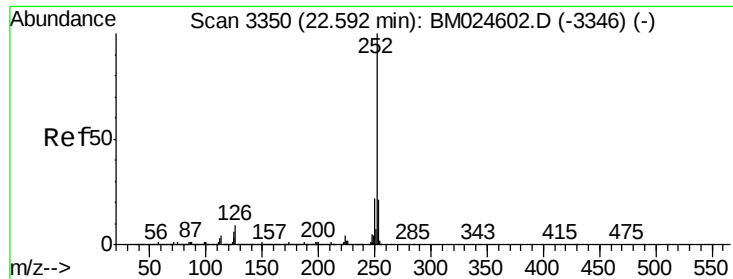


#88
Benzo(b)fluoranthene
Concen: 0.049 ng
RT: 22.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: BM024662.D
Acq: 30 Jan 2020 17:21

Tgt Ion:252 Resp: 4758

Ion	Ratio	Lower	Upper
252	100		
253	49.9	17.6	26.4#
125	31.9	5.7	8.5#





#89

Benzo(k)fluoranthene

Concen: 0.038 ng

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Instrument :

BNA_M

ClientSampled :

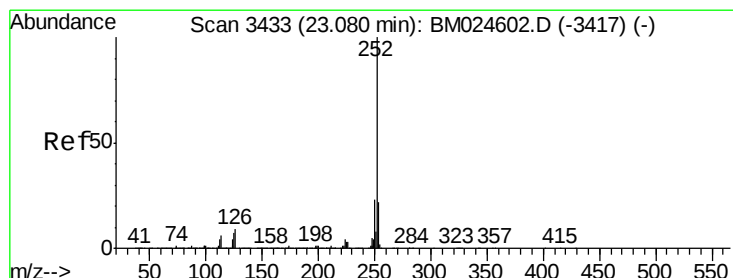
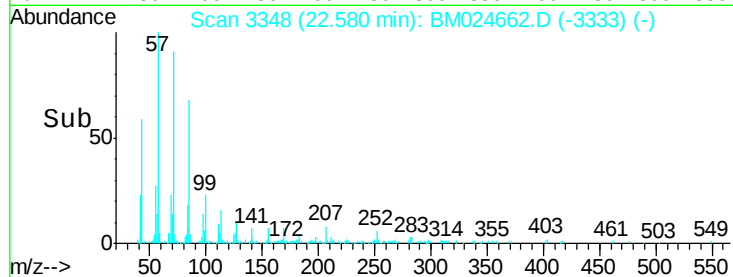
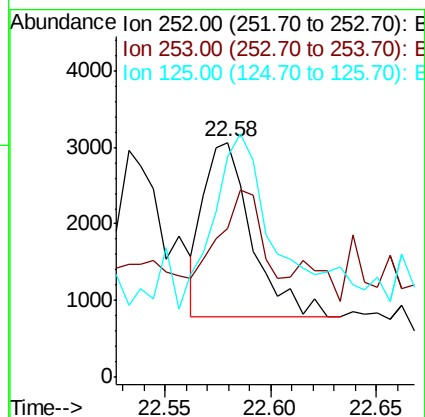
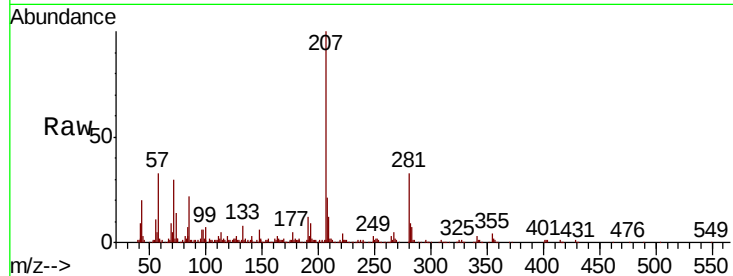
Tot Ion:252 Resp: 3586

Ion Ratio Lower Upper

252 100

253 63.3 17.3 25.9#

125 93.9 5.2 7.8#



#90

Benzo(a)pyrene

Concen: 0.051 ng

RT: 23.07 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

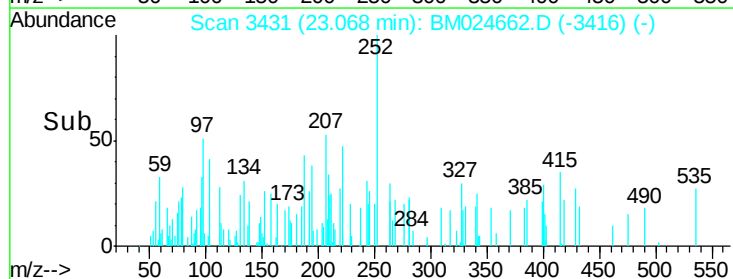
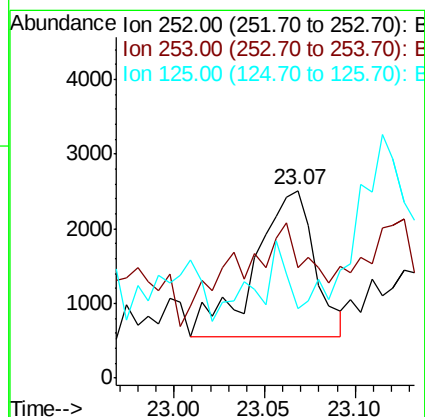
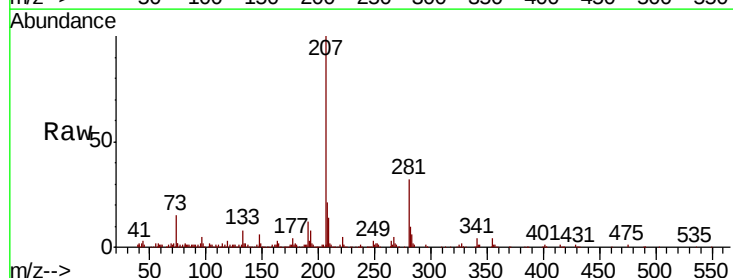
Tgt Ion:252 Resp: 4510

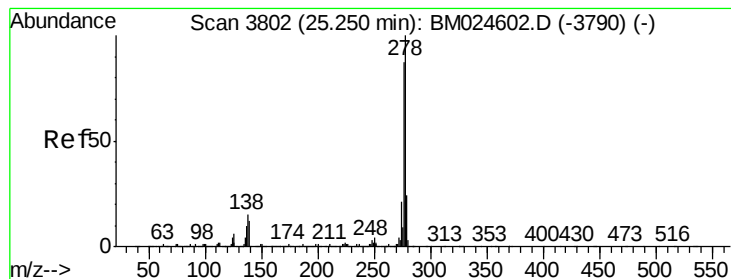
Ion Ratio Lower Upper

252 100

253 58.6 17.3 25.9#

125 37.3 5.8 8.8#





#91

Dibenzo(a,h)anthracene

Concen: 0.048 ng

RT: 25.22 min Scan# 3797

Delta R.T. -0.03 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

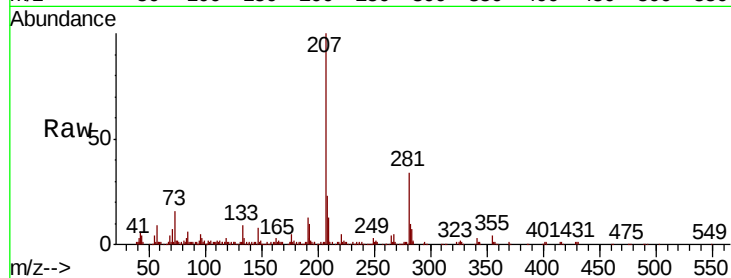
Instrument :

BNA_M

ClientSampled :

Tot Ion:278 Resp: 4071

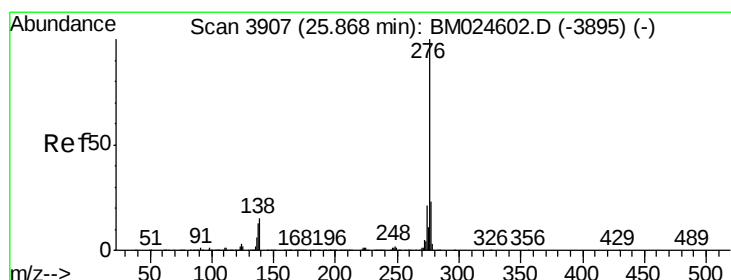
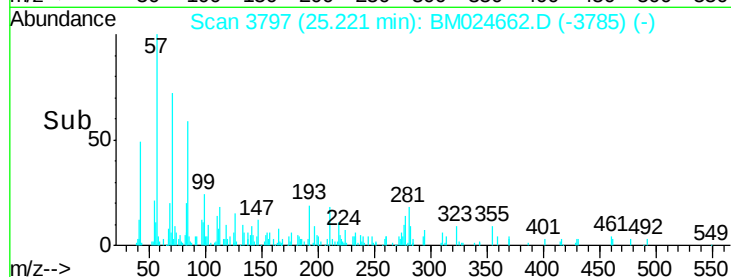
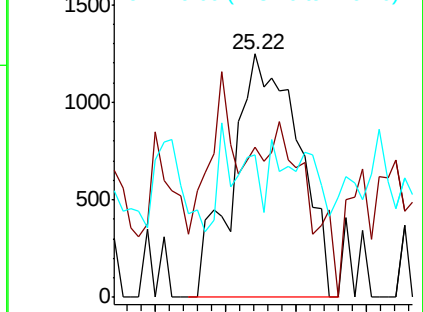
Ion	Ratio	Lower	Upper
278	100		
139	61.5	9.3	13.9#
279	58.5	18.9	28.3#



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



#92

Benzo(g,h,i)perylene

Concen: 0.053 ng

RT: 25.84 min Scan# 3902

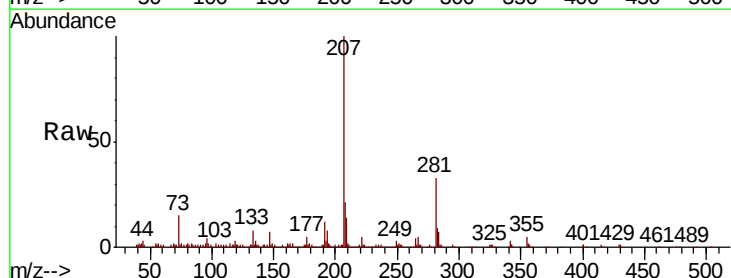
Delta R.T. -0.03 min

Lab File: BM024662.D

Acq: 30 Jan 2020 17:21

Tgt Ion:276 Resp: 4027

Ion	Ratio	Lower	Upper
276	100		
277	43.8	18.6	28.0#
138	35.5	11.9	17.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

