

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037463.D
 Acq On : 11 Nov 2022 12:39
 Operator : CG/JU
 Sample : N5506-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-10

Quant Time: Nov 11 22:55:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 11 22:49:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	237400	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	914697	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	521509	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	960209	20.000	ng	0.00
76) Chrysene-d12	21.380	240	873909	20.000	ng	0.00
86) Perylene-d12	23.721	264	964642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1888640	137.443	ng	0.00
7) Phenol-d6	6.987	99	2129638	114.190	ng	0.00
23) Nitrobenzene-d5	8.975	82	1657767	91.439	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1103979	179.631	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	3765073	95.926	ng	0.00
79) Terphenyl-d14	19.827	244	5187278	106.444	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.263	88	226	0.040	ng	# 1
3) Pyridine	3.681	79	279	0.017	ng	# 1
4) n-Nitrosodimethylamine	3.551	42	1381	0.188	ng	# 1
6) Aniline	7.163	93	460	0.020	ng	# 1
8) 2-Chlorophenol	7.375	128	475	0.028	ng	# 27
9) Benzaldehyde	6.987	77	4392	0.465	ng	# 8
10) Phenol	6.998	94	1368	0.065	ng	# 1
11) bis(2-Chloroethyl)ether	7.228	93	280	0.017	ng	# 65
15) Benzyl Alcohol	8.069	79	498	0.037	ng	# 40
16) 2,2'-oxybis(1-Chloropr...	8.334	45	950	0.040	ng	# 82
17) 2-Methylphenol	8.292	107	59	0.004	ng	# 1
18) Hexachloroethane	8.898	117	58	0.009	ng	# 24
19) n-Nitroso-di-n-propyla...	8.651	70	385	0.103	ng	# 1
20) 3+4-Methylphenols	8.610	107	118	0.006	ng	# 1
22) Acetophenone	8.639	105	1356	0.057	ng	# 1
24) Nitrobenzene	8.975	77	5325	0.290	ng	# 35
25) Isophorone	9.551	82	448	0.015	ng	# 48
27) 2,4-Dimethylphenol	9.851	122	249	0.020	ng	# 87
28) bis(2-Chloroethoxy)met...	10.033	93	207	0.011	ng	# 1
31) Naphthalene	10.651	128	1622	0.031	ng	# 71
33) 4-Chloroaniline	10.716	127	56	0.003	ng	# 1
35) Caprolactam	11.657	113	176	0.041	ng	# 1
36) 4-Chloro-3-methylphenol	11.922	107	79	0.005	ng	# 17
37) 2-Methylnaphthalene	12.269	142	386	0.011	ng	# 56
38) 1-Methylnaphthalene	12.486	142	344	0.010	ng	# 60
46) 1,1'-Biphenyl	13.233	154	700	0.017	ng	# 68
48) 2-Nitroaniline	13.533	65	386	0.040	ng	# 4
49) Acenaphthylene	14.133	152	581	0.011	ng	# 61
50) Dimethylphthalate	13.916	163	34612	0.869	ng	# 96
51) 2,6-Dinitrotoluene	14.010	165	312	0.037	ng	# 35
52) Acenaphthene	14.510	154	1247	0.039	ng	# 64
53) 3-Nitroaniline	14.445	138	53	0.006	ng	# 1
55) Dibenzofuran	14.851	168	702	0.014	ng	# 60
56) 4-Nitrophenol	14.780	139	57	0.008	ng	# 81
57) 2,4-Dinitrotoluene	14.839	165	355	0.032	ng	# 25
58) Fluorene	15.498	166	1643	0.040	ng	# 81

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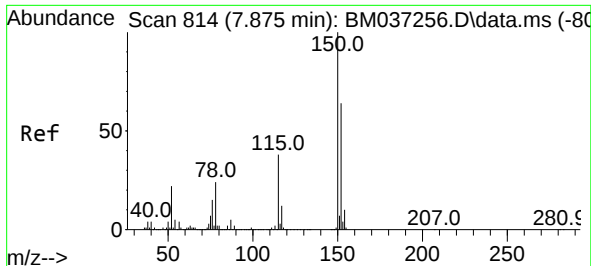
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Diethylphthalate	15.274	149	7244	0.187	ng	95
62) 4-Nitroaniline	15.733	138	53	0.006	ng #	20
63) Azobenzene	15.815	77	1063	0.028	ng #	62
66) n-Nitrosodiphenylamine	15.945	169	31926	0.984	ng #	45
70) Pentachlorophenol	16.857	266	226	0.030	ng #	19
71) Phenanthrene	17.239	178	5680	0.095	ng #	84
72) Anthracene	17.327	178	1349	0.024	ng #	85
73) Carbazole	17.615	167	1708	0.033	ng #	88
74) Di-n-butylphthalate	18.168	149	12221	0.214	ng #	96
75) Fluoranthene	19.256	202	3194	0.051	ng #	55
77) Benzidine	19.456	184	129	0.010	ng #	1
78) Pyrene	19.621	202	3119	0.046	ng #	77
80) Butylbenzylphthalate	20.762	149	530	0.022	ng	95
81) Benzo(a)anthracene	21.380	228	3815	0.061	ng #	66
82) 3,3'-Dichlorobenzidine	21.321	252	468	0.026	ng #	30
83) Chrysene	21.421	228	1632	0.027	ng #	19
84) Bis(2-ethylhexyl)phtha...	21.292	149	6154	0.191	ng #	92
85) Di-n-octyl phthalate	22.168	149	1483	0.029	ng #	4
87) Indeno(1,2,3-cd)pyrene	26.168	276	458	0.006	ng #	53
88) Benzo(b)fluoranthene	23.021	252	1620	0.024	ng #	1
89) Benzo(k)fluoranthene	23.062	252	1170	0.017	ng #	1
90) Benzo(a)pyrene	23.615	252	1740	0.032	ng #	1
91) Dibenzo(a,h)anthracene	26.156	278	125	0.002	ng #	1
92) Benzo(g,h,i)perylene	26.903	276	420	0.007	ng #	1

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

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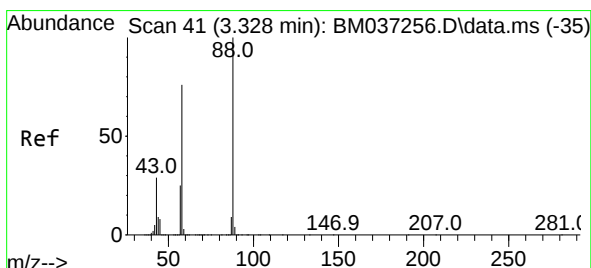
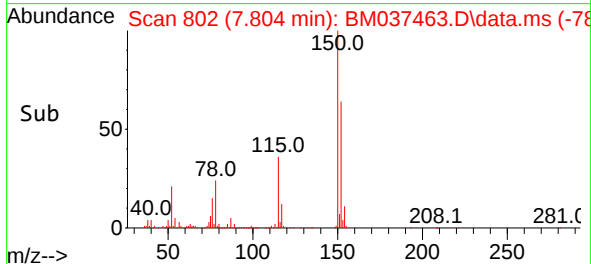
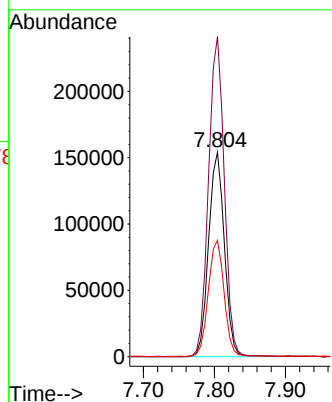
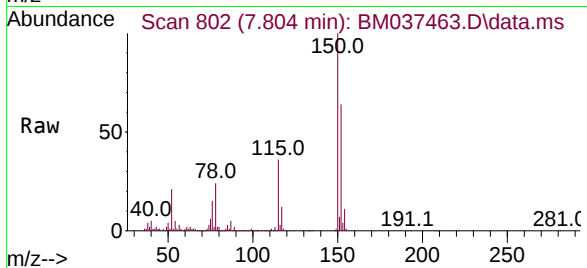




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

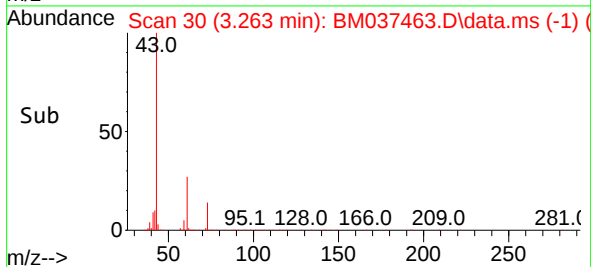
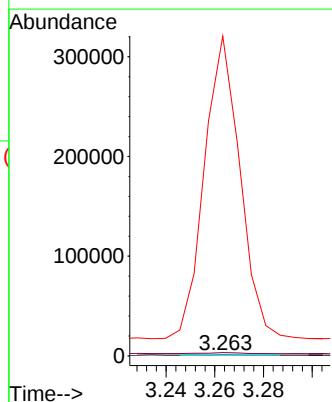
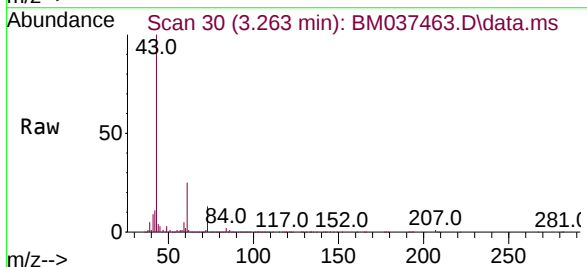
Instrument :
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ClientSampleId :
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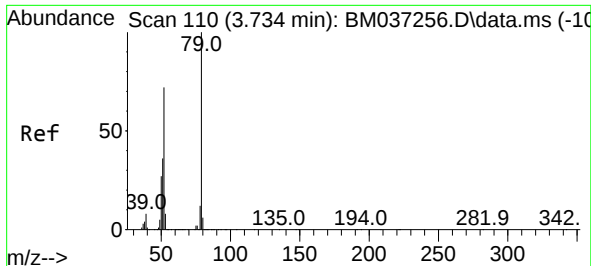
Tgt Ion:152 Resp: 237400
Ion Ratio Lower Upper
152 100
150 156.5 124.8 187.2
115 56.8 47.0 70.4



#2
1,4-Dioxane
Concen: 0.040 ng
RT: 3.263 min Scan# 30
Delta R.T. 0.012 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion: 88 Resp: 226
Ion Ratio Lower Upper
88 100
58 602.2 63.5 95.3#
43 139521.7 24.2 36.4#

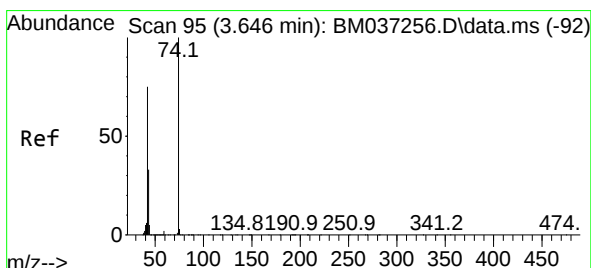
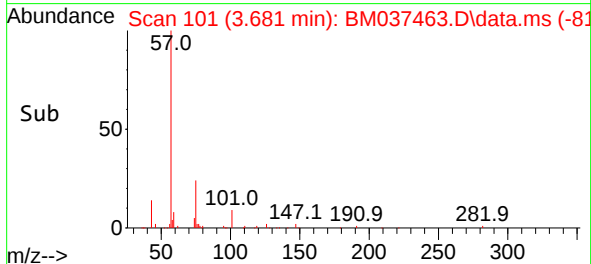
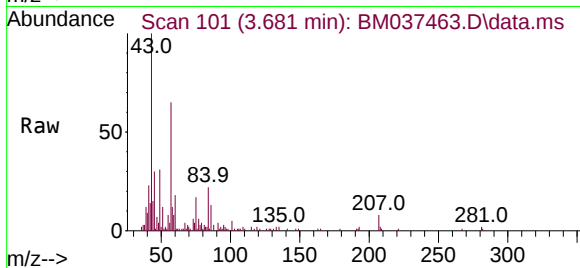




#3
Pyridine
Concen: 0.017 ng
RT: 3.681 min Scan# 10
Delta R.T. 0.018 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

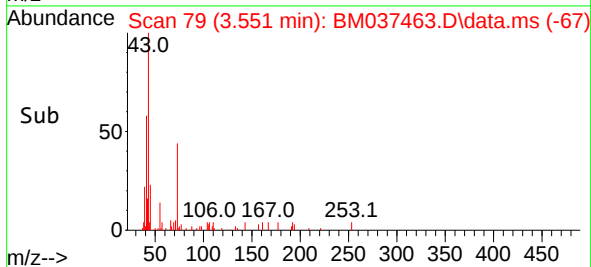
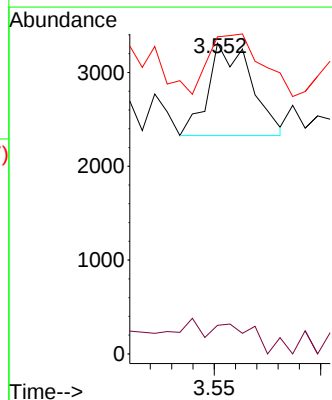
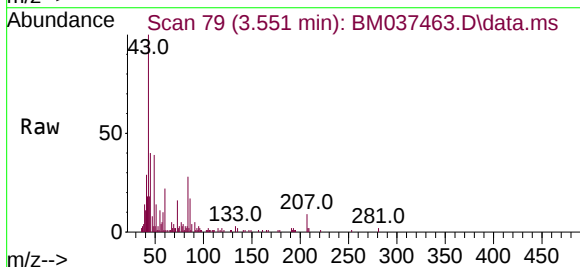
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ClientSampleId :
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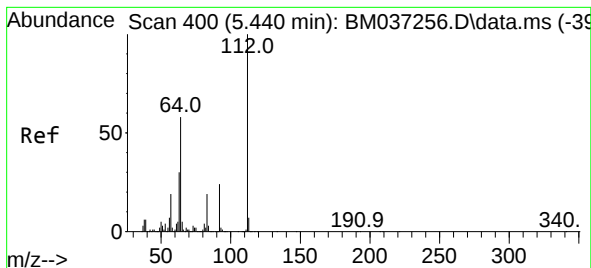
Tgt Ion: 79 Resp: 279
Ion Ratio Lower Upper
79 100
52 30.1 57.8 86.6#
51 282.5 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 0.188 ng
RT: 3.551 min Scan# 79
Delta R.T. -0.029 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion: 42 Resp: 1381
Ion Ratio Lower Upper
42 100
74 9.2 106.2 159.2#
44 102.0 5.4 8.0#

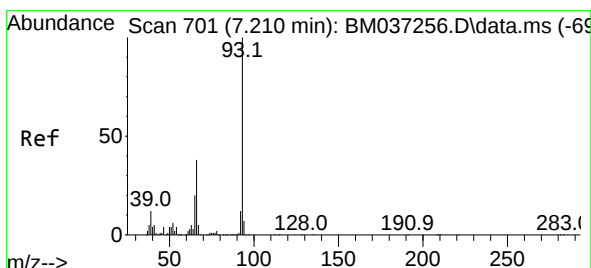
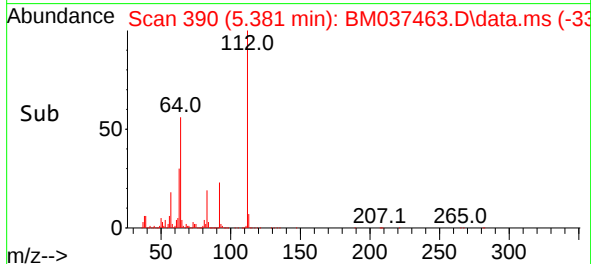
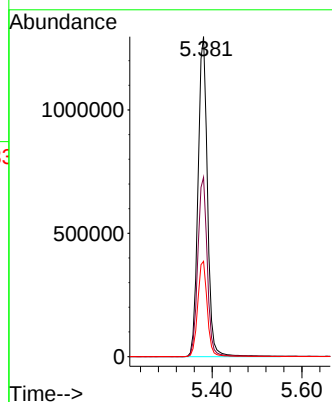
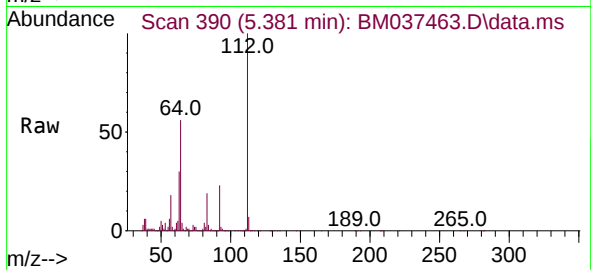




#5
2-Fluorophenol
Concen: 137.443 ng
RT: 5.381 min Scan# 39
Delta R.T. 0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

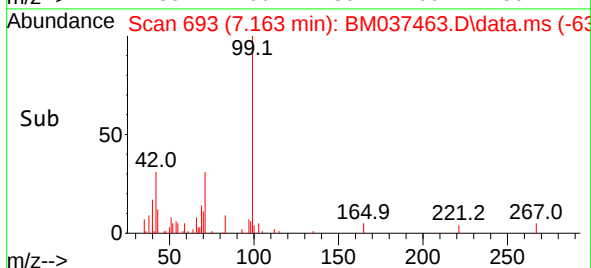
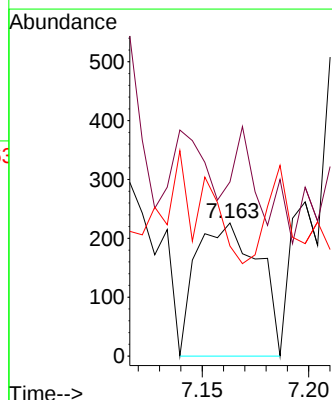
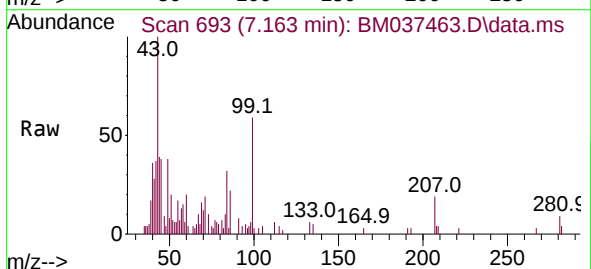
Instrument :
BNA_M
ClientSampleId :
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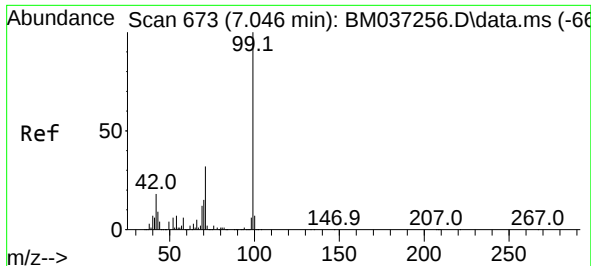
Tgt Ion:112 Resp: 1888640
Ion Ratio Lower Upper
112 100
64 56.0 46.8 70.2
63 29.8 24.4 36.6



#6
Aniline
Concen: 0.020 ng
RT: 7.163 min Scan# 693
Delta R.T. 0.018 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion: 93 Resp: 460
Ion Ratio Lower Upper
93 100
66 131.0 30.4 45.6#
65 82.7 16.2 24.2#

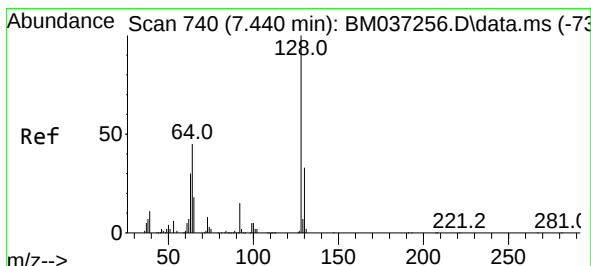
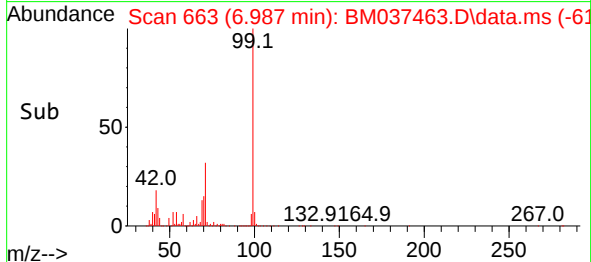
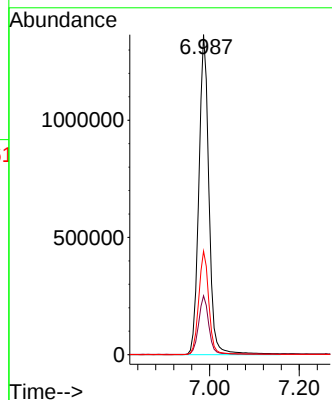
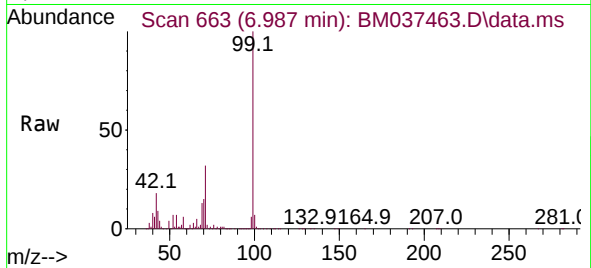




#7
Phenol-d6
Concen: 114.190 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

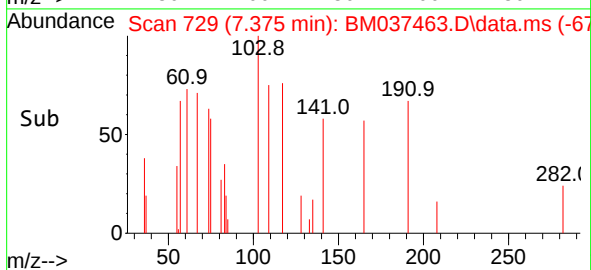
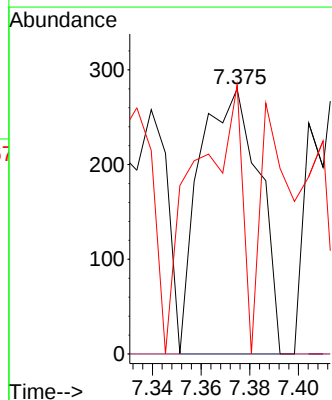
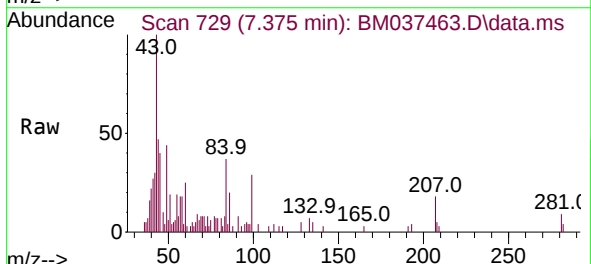
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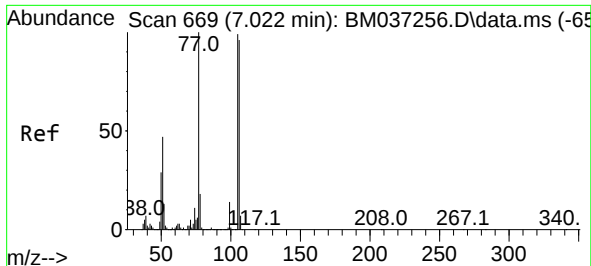
Tgt Ion: 99 Resp: 2129638
Ion Ratio Lower Upper
99 100
42 18.4 14.8 22.2
71 32.3 25.6 38.4



#8
2-Chlorophenol
Concen: 0.028 ng
RT: 7.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion: 128 Resp: 475
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 101.4 26.4 66.4#

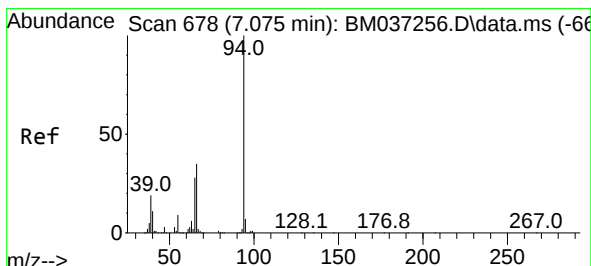
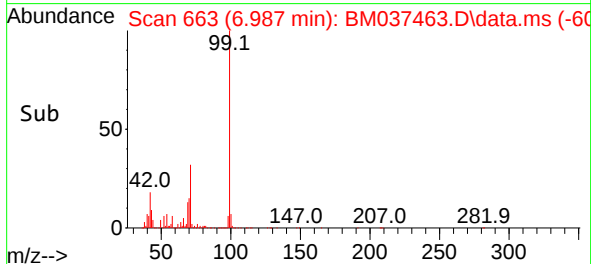
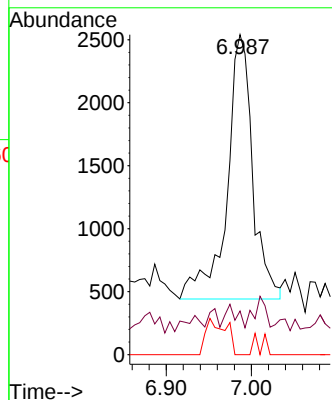
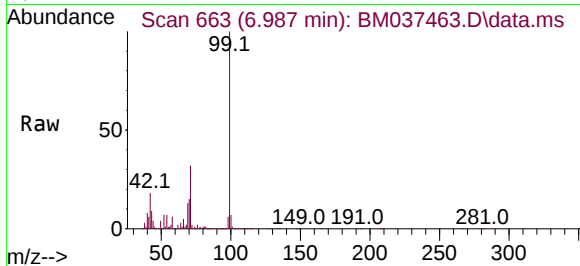




#9
Benzaldehyde
Concen: 0.465 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.029 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

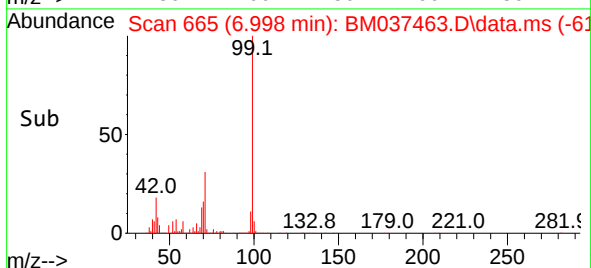
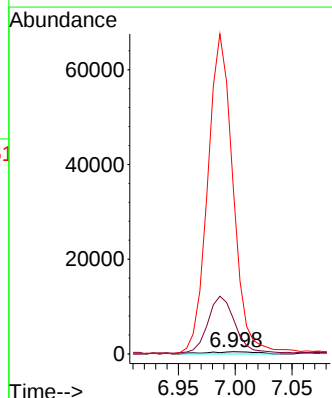
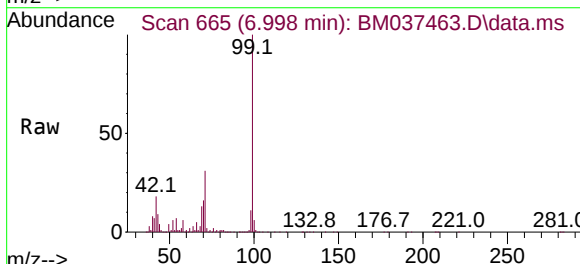
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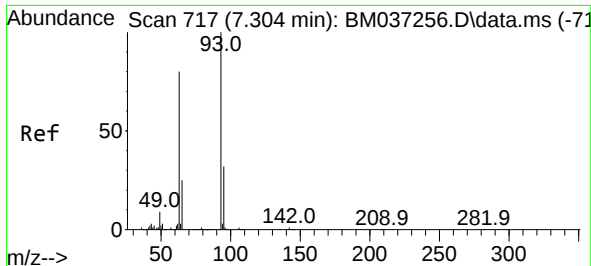
Tgt Ion: 77 Resp: 4392
Ion Ratio Lower Upper
77 100
105 13.6 78.6 118.6#
106 0.0 75.8 115.8#



#10
Phenol
Concen: 0.065 ng
RT: 6.998 min Scan# 665
Delta R.T. -0.018 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion: 94 Resp: 1368
Ion Ratio Lower Upper
94 100
65 1623.7 8.1 48.1#
66 7680.7 15.5 55.5#

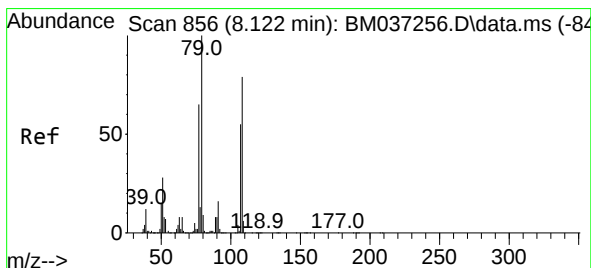
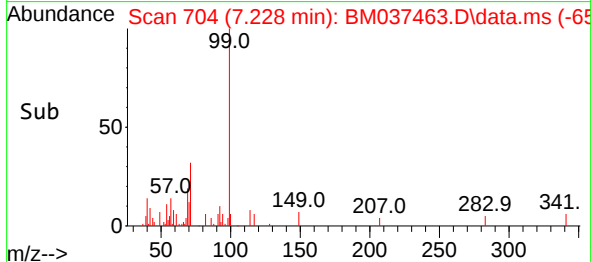
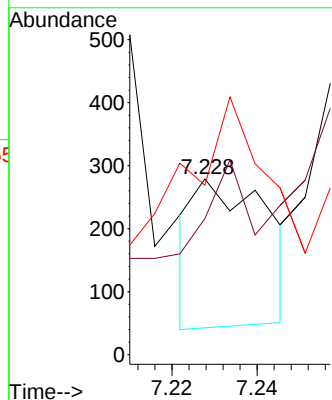
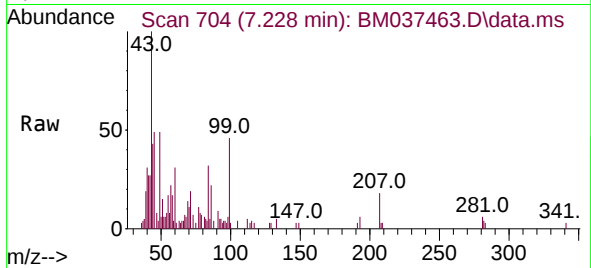




#11
bis(2-Chloroethyl)ether
Concen: 0.017 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.012 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

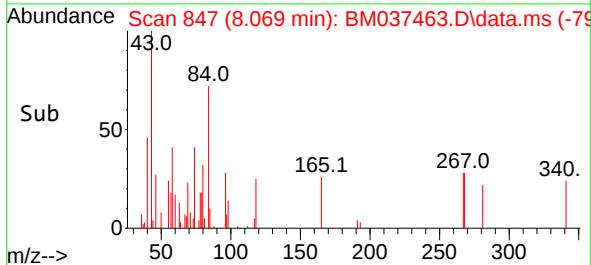
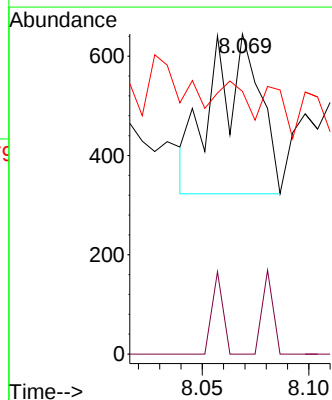
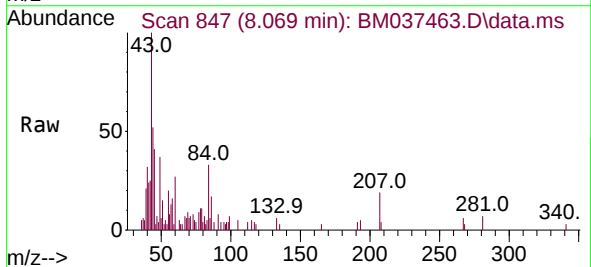
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ClientSampleId :
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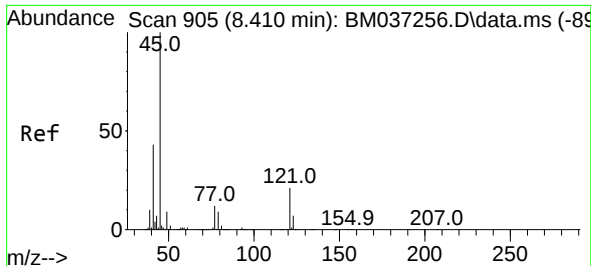
Tgt Ion: 93	Resp:	280	
Ion	Ratio	Lower	Upper
93	100		
63	77.4	59.3	99.3
95	96.4	12.0	52.0#



#15
Benzyl Alcohol
Concen: 0.037 ng
RT: 8.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion: 79	Resp:	498	
Ion	Ratio	Lower	Upper
79	100		
108	0.0	63.1	94.7#
77	82.0	51.7	77.5#

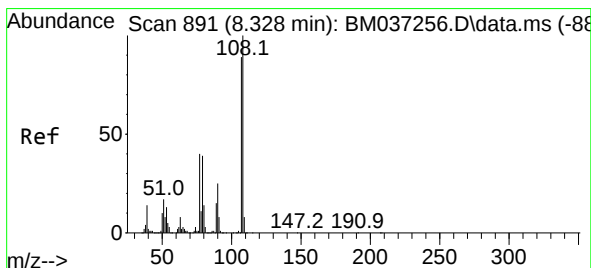
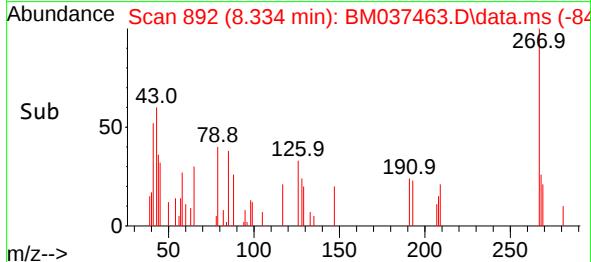
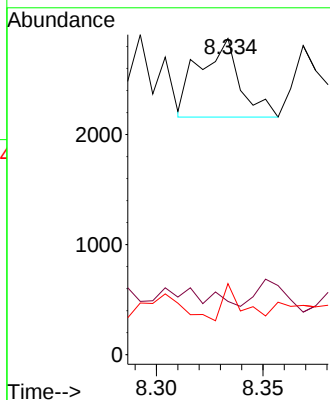
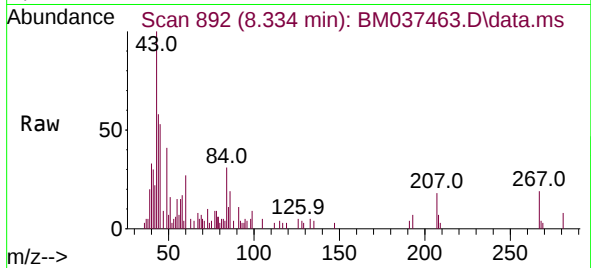




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.040 ng
RT: 8.334 min Scan# 891
Delta R.T. -0.012 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

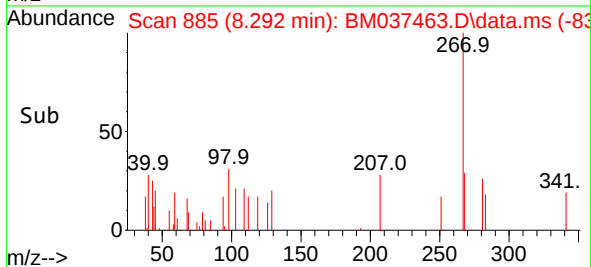
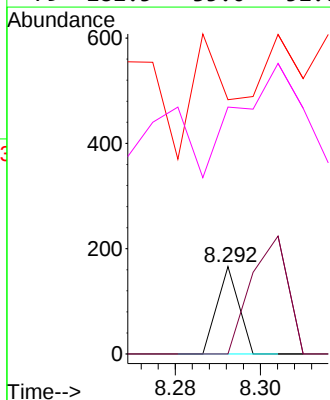
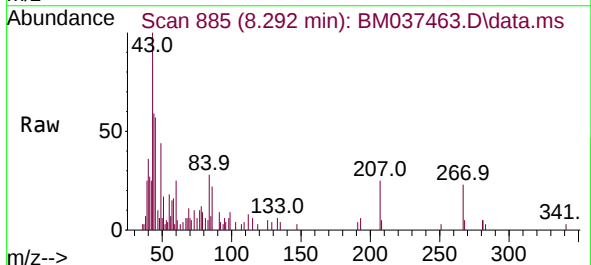
Instrument :
BNA_M
ClientSampleId :
TP-10

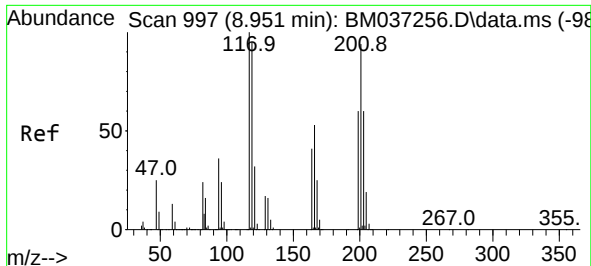
Tgt Ion: 45 Resp: 950
Ion Ratio Lower Upper
45 100
77 16.8 0.0 34.0
79 22.5 0.0 30.6



#17
2-Methylphenol
Concen: 0.004 ng
RT: 8.292 min Scan# 885
Delta R.T. 0.024 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion: 107 Resp: 59
Ion Ratio Lower Upper
107 100
108 0.0 89.5 134.3#
77 291.0 36.2 54.2#
79 282.5 35.0 52.6#

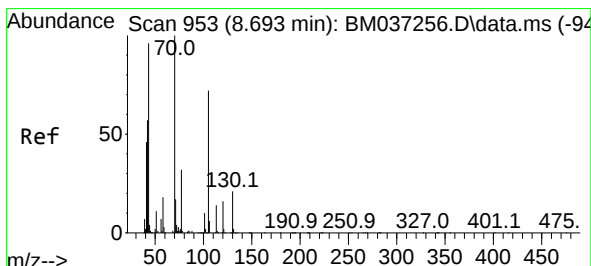
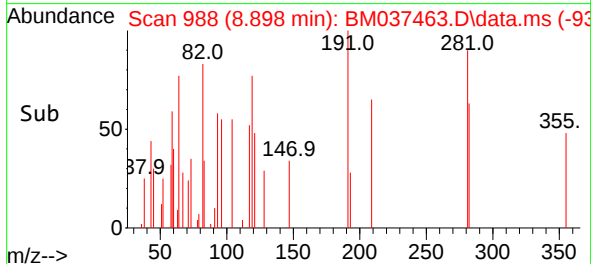
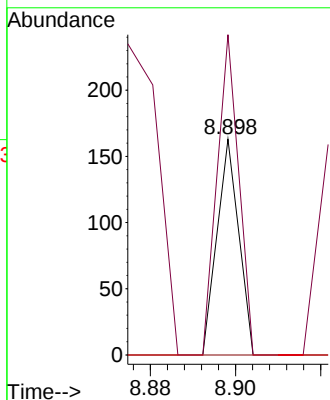
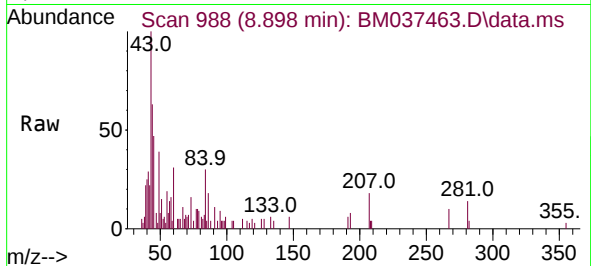




#18
Hexachloroethane
Concen: 0.009 ng
RT: 8.898 min Scan# 988
Delta R.T. 0.024 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

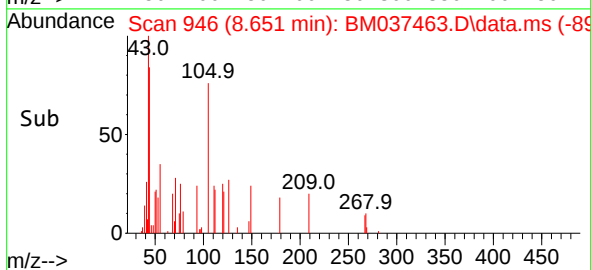
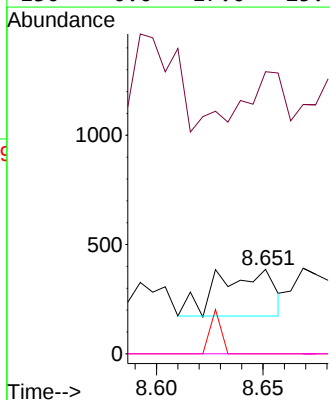
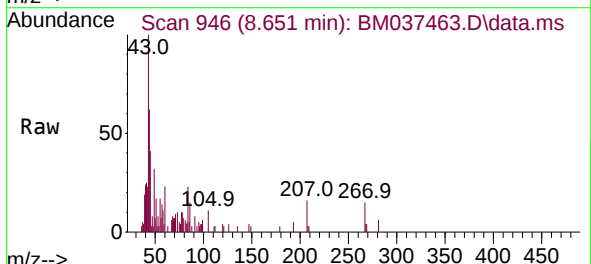
Instrument :
BNA_M
ClientSampleId :
TP-10

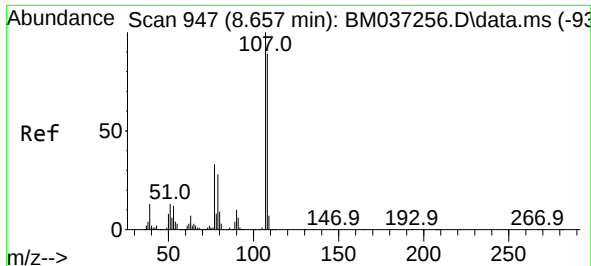
Tgt Ion:117 Resp: 58
Ion Ratio Lower Upper
117 100
119 148.5 75.9 113.9#
201 0.0 75.0 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 0.103 ng
RT: 8.651 min Scan# 946
Delta R.T. 0.024 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion: 70 Resp: 385
Ion Ratio Lower Upper
70 100
42 333.6 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 17.0 25.4#

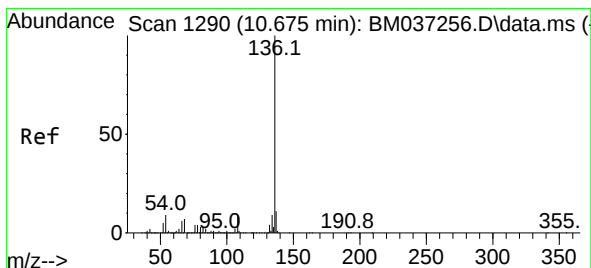
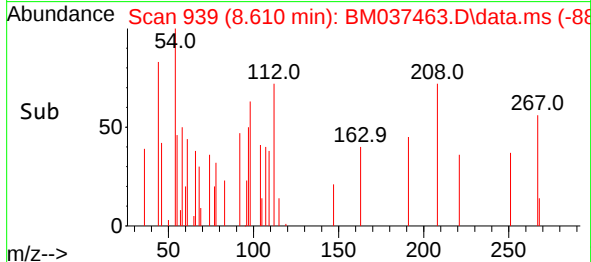
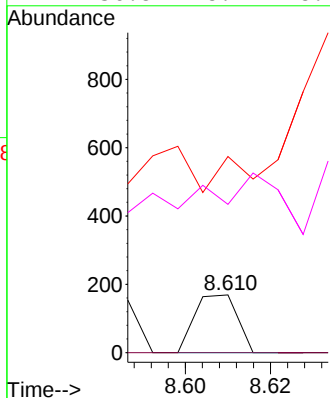
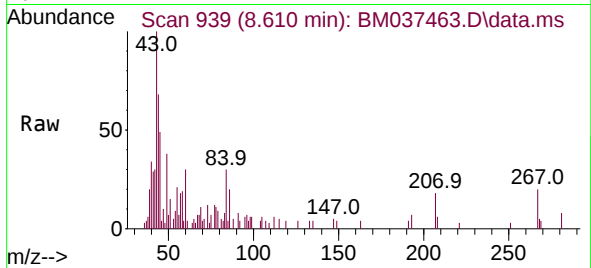




#20
3+4-Methylphenols
Concen: 0.006 ng
RT: 8.610 min Scan# 947
Delta R.T. 0.012 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

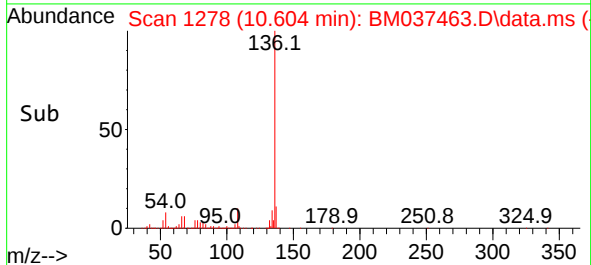
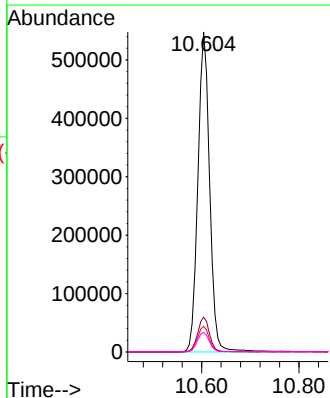
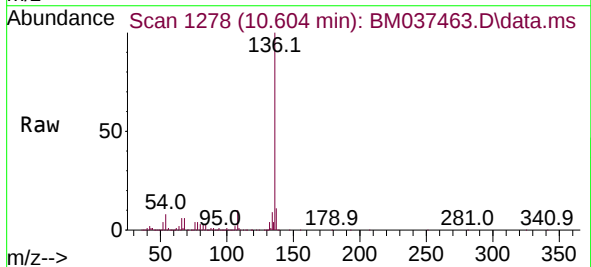
Instrument :
BNA_M
ClientSampleId :
TP-10

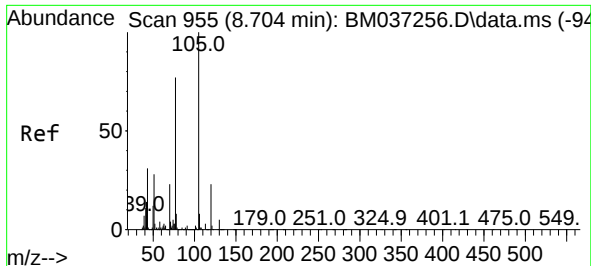
Tgt Ion:107	Resp:	118
Ion	Ratio	Lower Upper
107	100	
108	0.0	69.4 109.4#
77	339.6	12.8 52.8#
79	256.8	8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:136	Resp:	914697
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.0 13.4
54	8.0	7.0 10.4
68	6.1	5.4 8.0

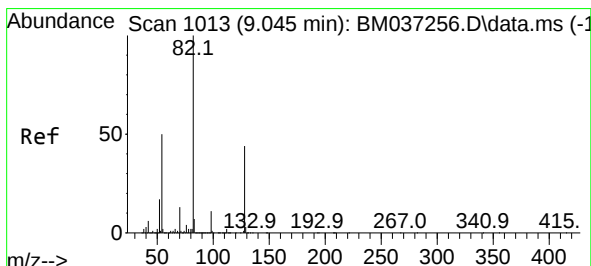
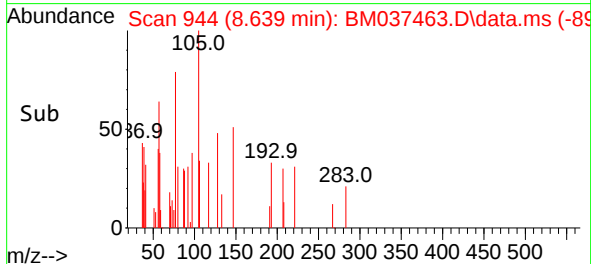
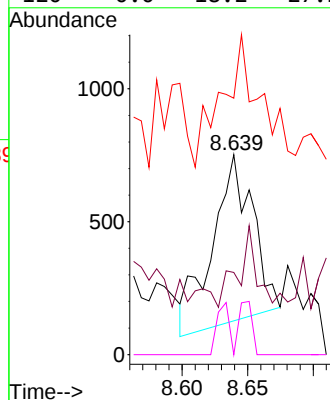
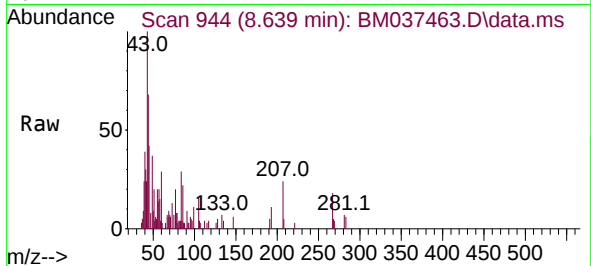




#22
Acetophenone
Concen: 0.057 ng
RT: 8.639 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

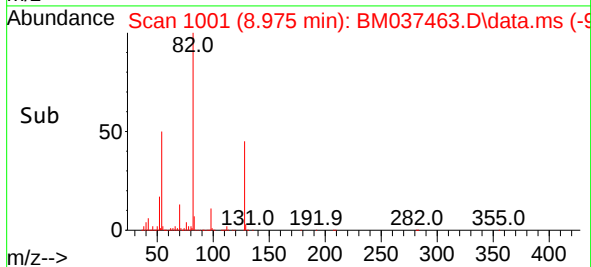
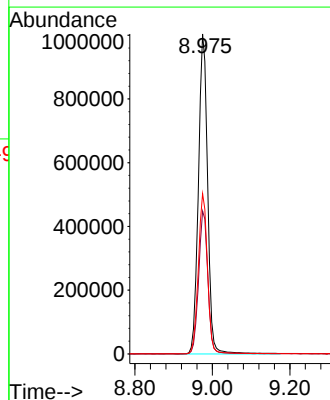
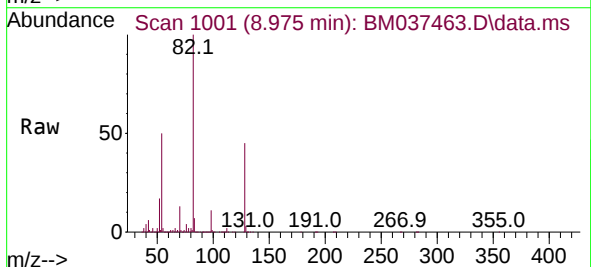
Instrument :
BNA_M
ClientSampleId :
TP-10

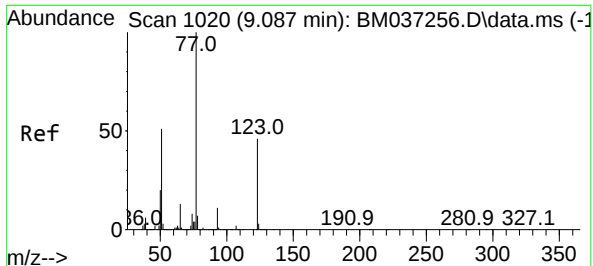
Tgt Ion:105 Resp: 1356
Ion Ratio Lower Upper
105 100
71 41.1 3.0 4.4#
51 128.3 22.1 33.1#
120 0.0 18.2 27.2#



#23
Nitrobenzene-d5
Concen: 91.439 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion: 82 Resp: 1657767
Ion Ratio Lower Upper
82 100
128 44.6 35.2 52.8
54 50.1 40.4 60.6

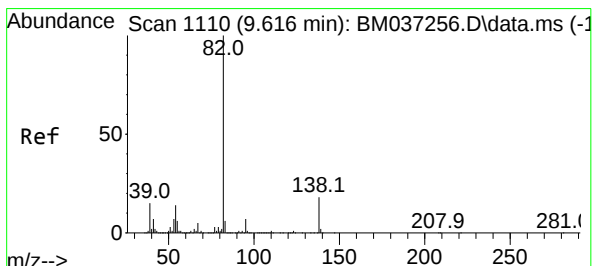
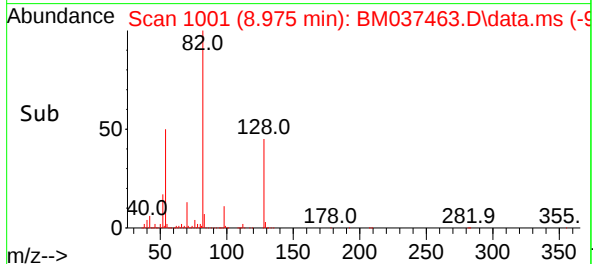
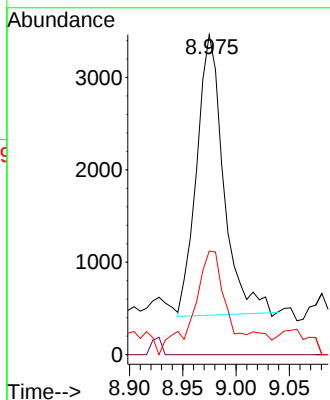
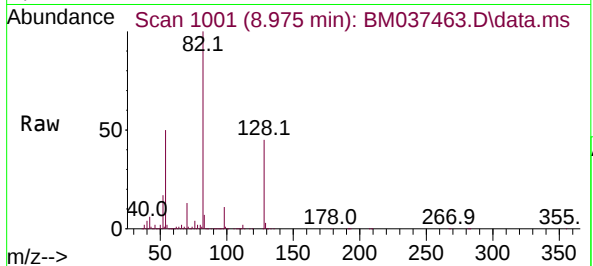




#24
Nitrobenzene
Concen: 0.290 ng
RT: 8.975 min Scan# 1099
Delta R.T. -0.047 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

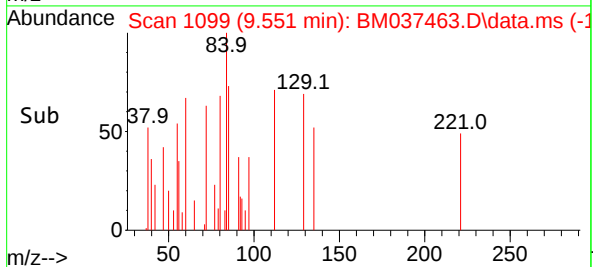
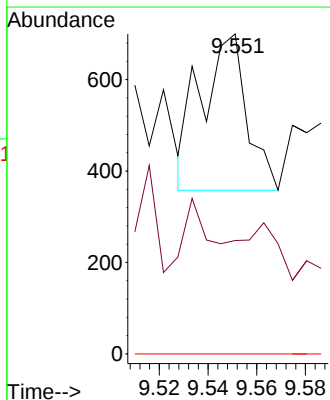
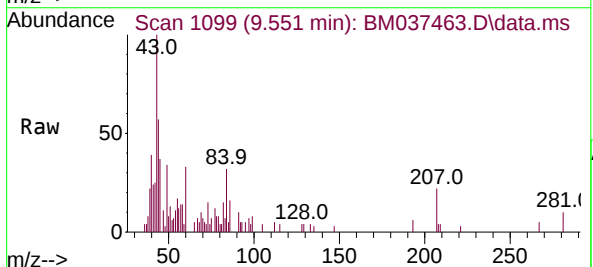
Instrument :
BNA_M
ClientSampleId :
TP-10

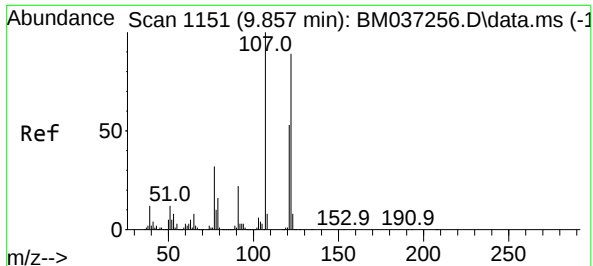
Tgt Ion: 77 Resp: 5325
Ion Ratio Lower Upper
77 100
123 0.0 36.6 55.0#
65 32.4 10.6 16.0#



#25
Isophorone
Concen: 0.015 ng
RT: 9.551 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion: 82 Resp: 448
Ion Ratio Lower Upper
82 100
95 35.4 5.4 8.0#
138 0.0 14.2 21.4#





#27

2,4-Dimethylphenol

Concen: 0.020 ng

RT: 9.851 min Scan# 1151

Delta R.T. 0.053 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

Instrument :

BNA_M

ClientSampleId :

TP-10

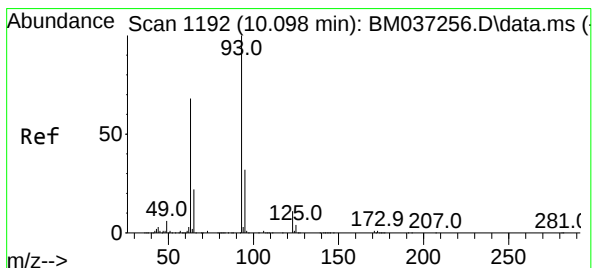
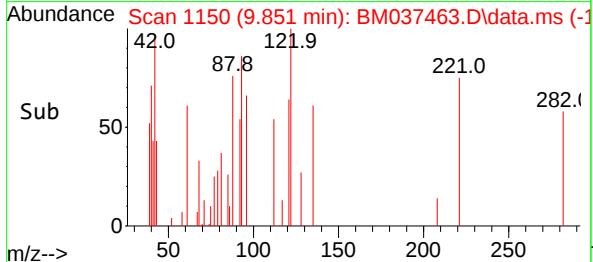
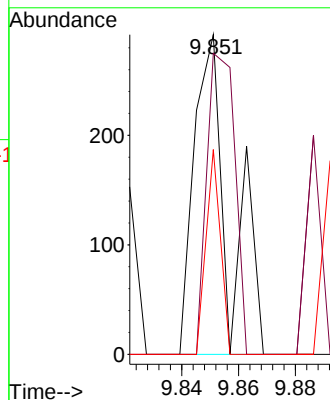
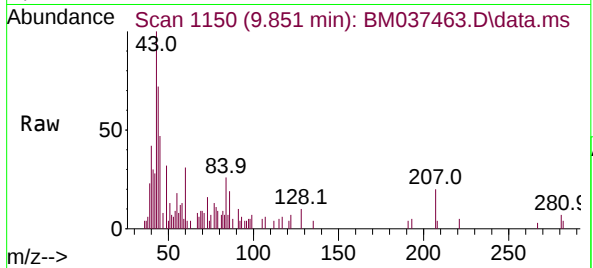
Tgt Ion:122 Resp: 249

Ion Ratio Lower Upper

122 100

107 94.2 89.7 134.5

121 64.0 47.1 70.7



#28

bis(2-Chloroethoxy)methane

Concen: 0.011 ng

RT: 10.033 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

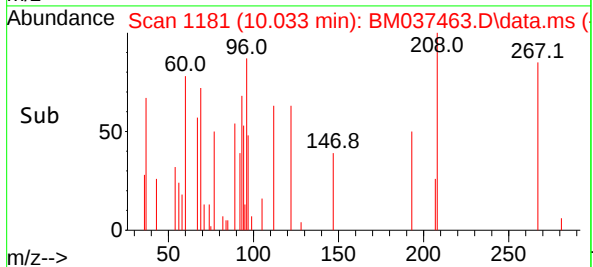
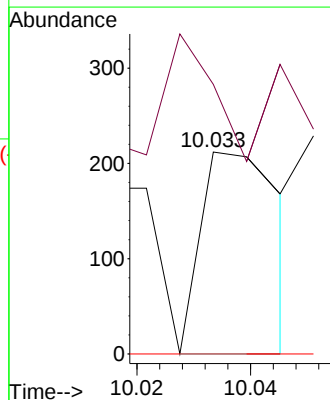
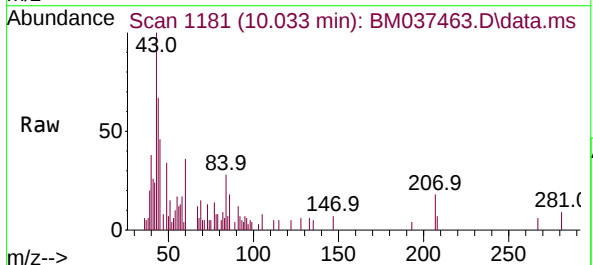
Tgt Ion: 93 Resp: 207

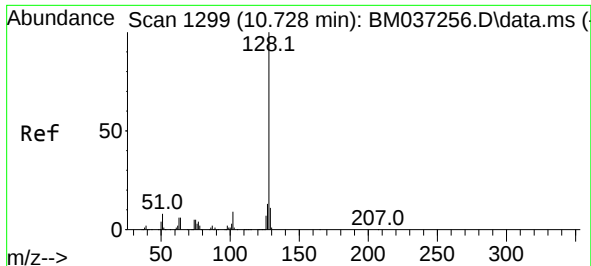
Ion Ratio Lower Upper

93 100

95 133.5 25.8 38.8#

123 0.0 9.3 13.9#

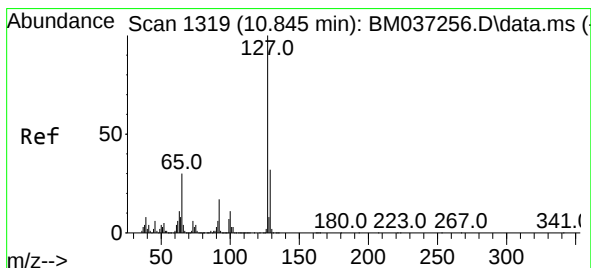
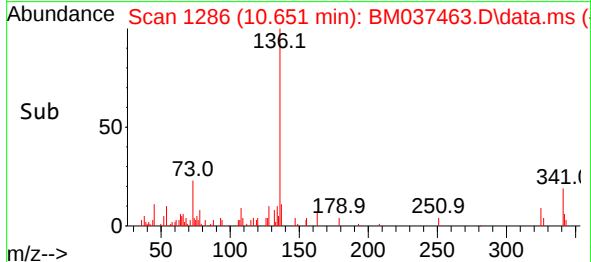
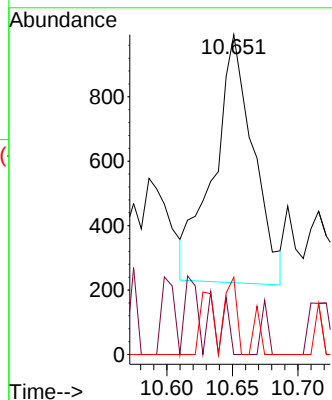
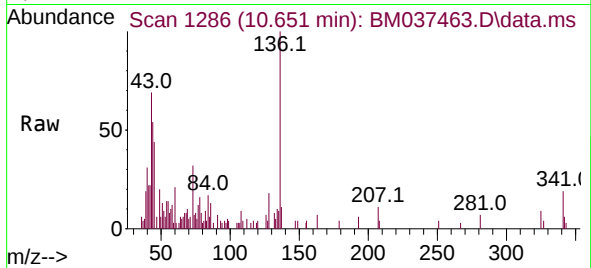




#31
Naphthalene
Concen: 0.031 ng
RT: 10.651 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

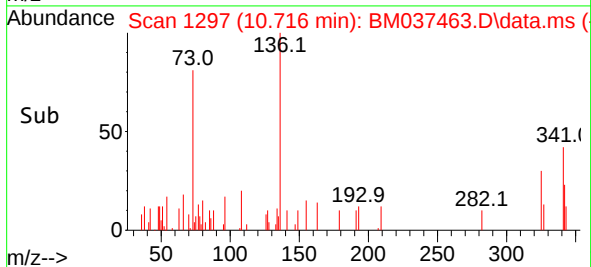
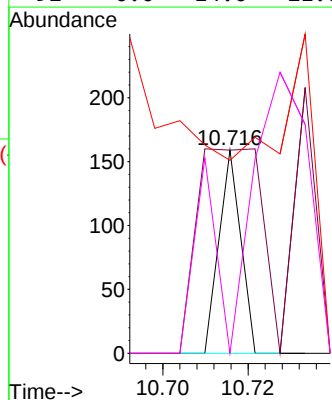
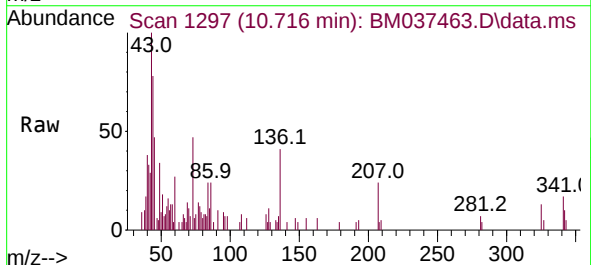
Instrument :
BNA_M
ClientSampleId :
TP-10

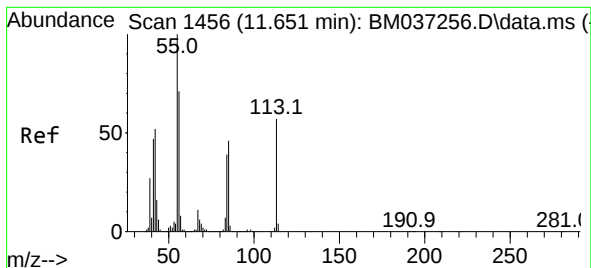
Tgt Ion:128 Resp: 1622
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 24.2 10.2 15.2#



#33
4-Chloroaniline
Concen: 0.003 ng
RT: 10.716 min Scan# 1297
Delta R.T. -0.071 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:127 Resp: 56
Ion Ratio Lower Upper
127 100
129 100.0 25.5 38.3#
65 95.0 24.0 36.0#
92 0.0 14.0 21.0#





#35

Caprolactam

Concen: 0.041 ng

RT: 11.657 min Scan# 14

Delta R.T. 0.041 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

Instrument :

BNA_M

ClientSampleId :

TP-10

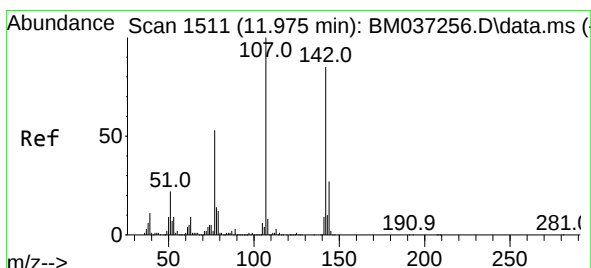
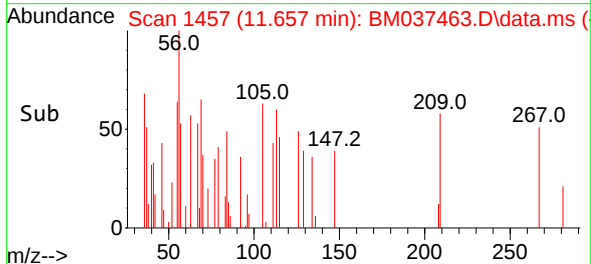
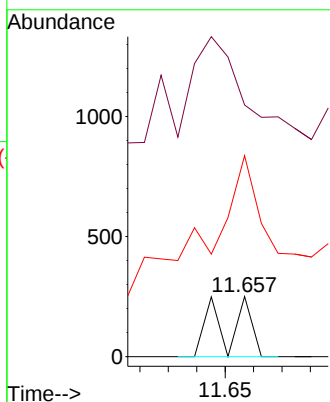
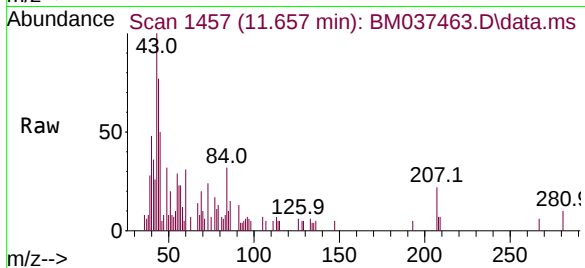
Tgt Ion:113 Resp: 176

Ion Ratio Lower Upper

113 100

55 419.2 156.9 196.9#

56 334.8 106.4 146.4#



#36

4-Chloro-3-methylphenol

Concen: 0.005 ng

RT: 11.922 min Scan# 1502

Delta R.T. 0.000 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

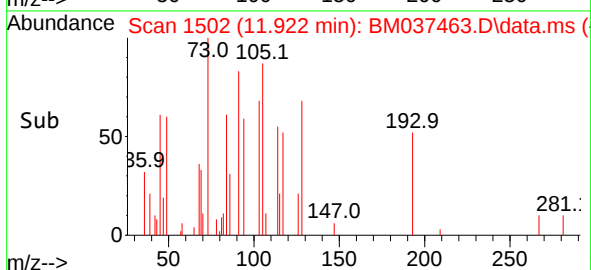
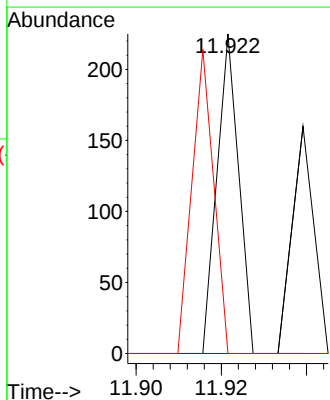
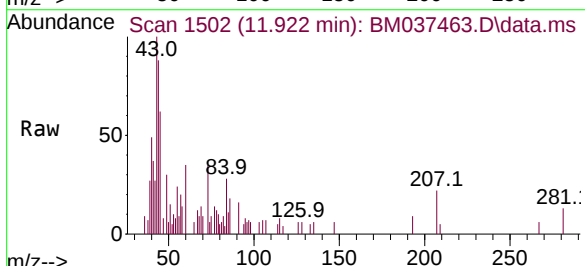
Tgt Ion:107 Resp: 79

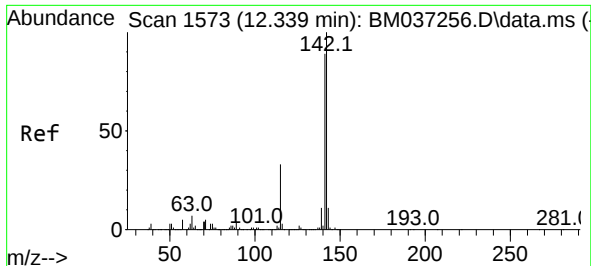
Ion Ratio Lower Upper

107 100

144 0.0 21.8 32.6#

142 0.0 68.1 102.1#

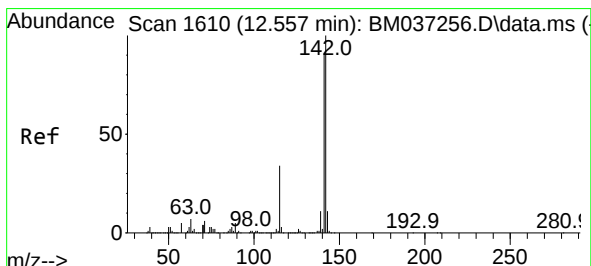
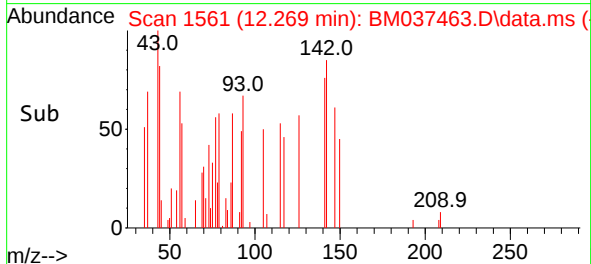
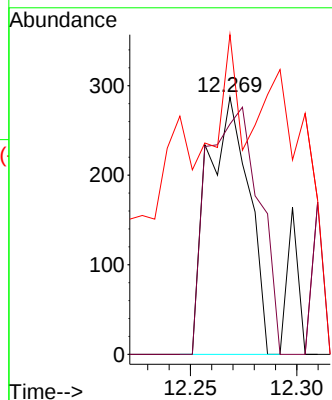
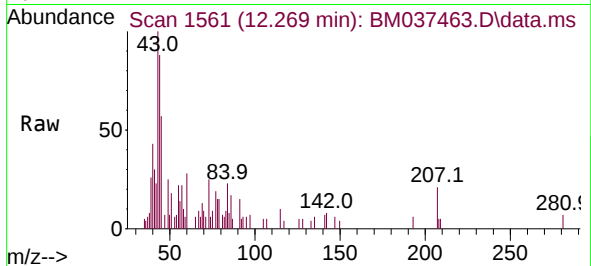




#37
2-Methylnaphthalene
Concen: 0.011 ng
RT: 12.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

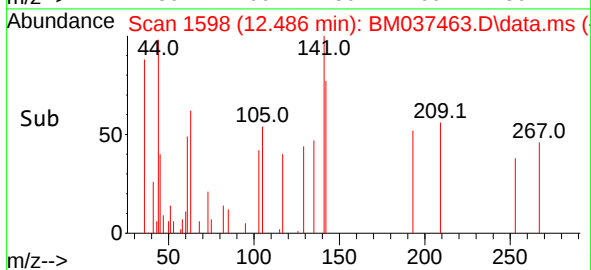
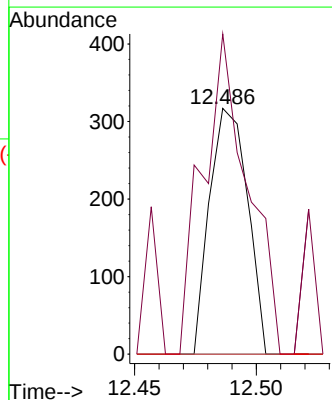
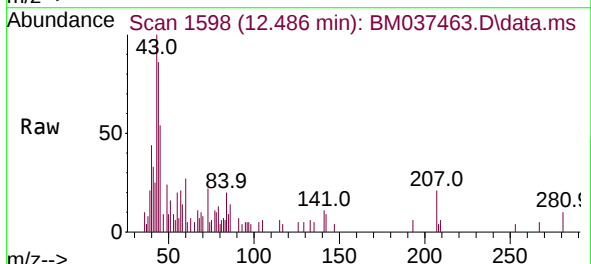
Instrument :
BNA_M
ClientSampleId :
TP-10

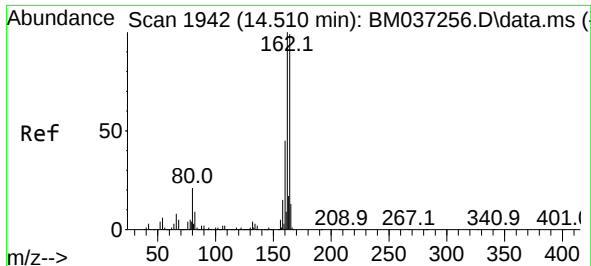
Tgt Ion:142 Resp: 386
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9
115 124.4 26.0 39.0#



#38
1-Methylnaphthalene
Concen: 0.010 ng
RT: 12.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:142 Resp: 344
Ion Ratio Lower Upper
142 100
141 130.3 73.0 109.6#
116 0.0 2.8 4.2#

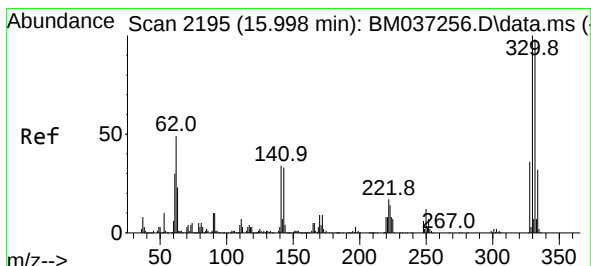
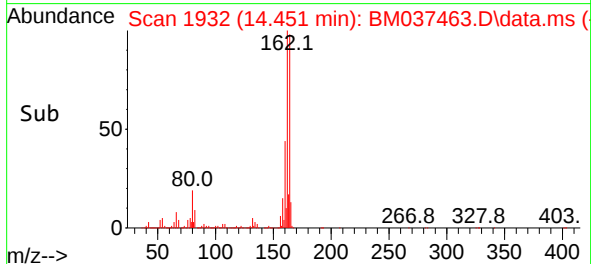
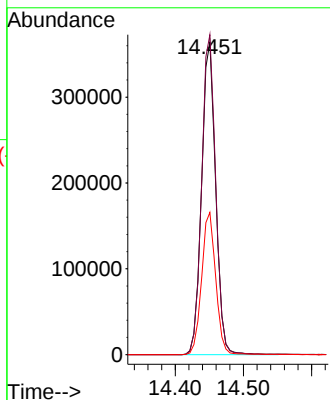
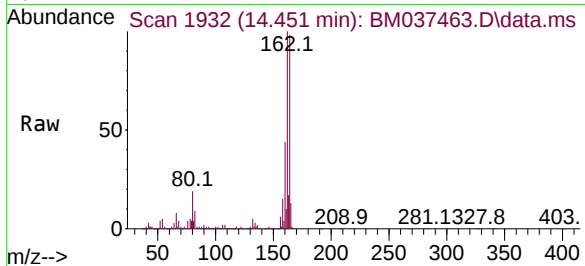




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

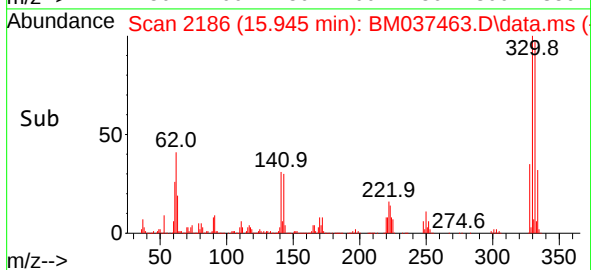
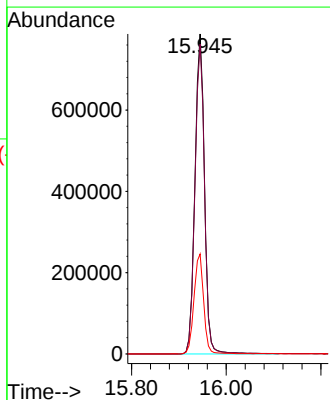
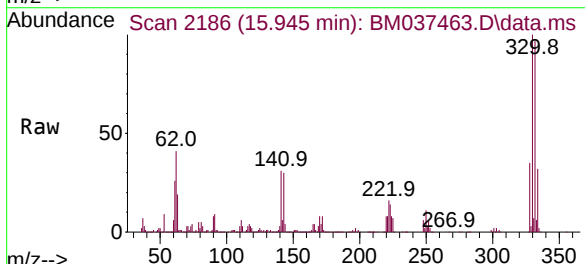
Instrument :
BNA_M
ClientSampleId :
TP-10

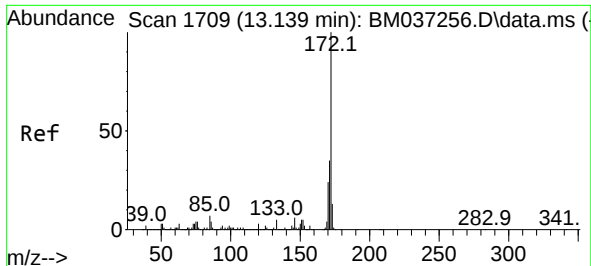
Tgt Ion:164 Resp: 521509
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 179.631 ng
RT: 15.945 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:330 Resp: 1103979
Ion Ratio Lower Upper
330 100
332 97.0 78.0 117.0
141 31.6 27.5 41.3

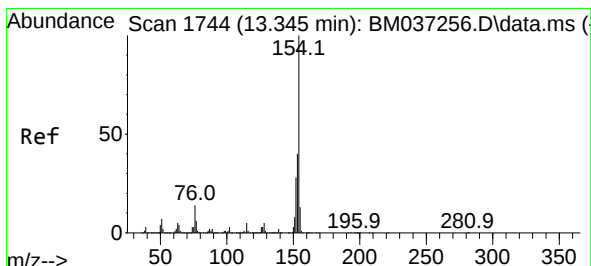
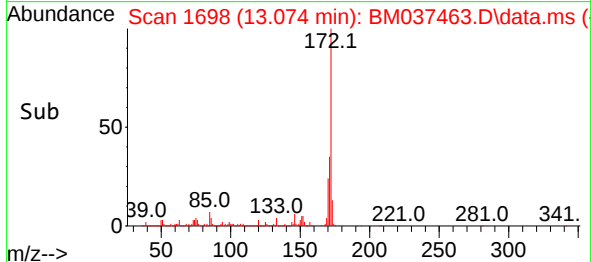
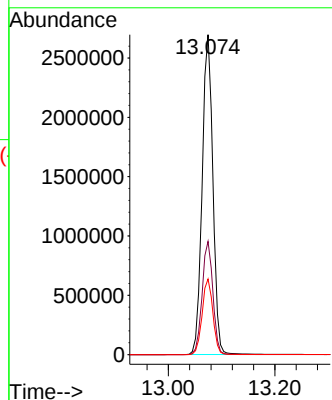
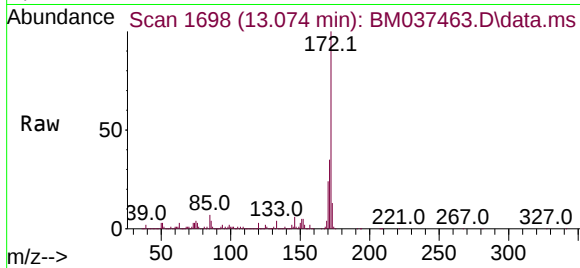




#45
2-Fluorobiphenyl
Concen: 95.926 ng
RT: 13.074 min Scan# 10
Delta R.T. 0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

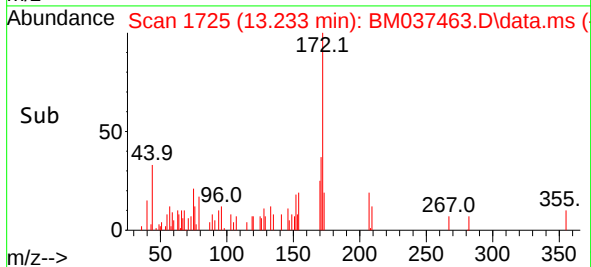
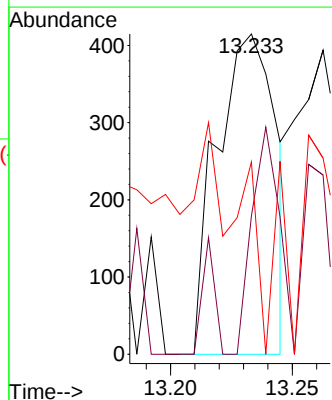
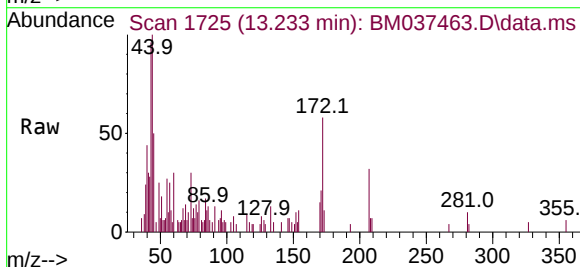
Instrument :
BNA_M
ClientSampleId :
TP-10

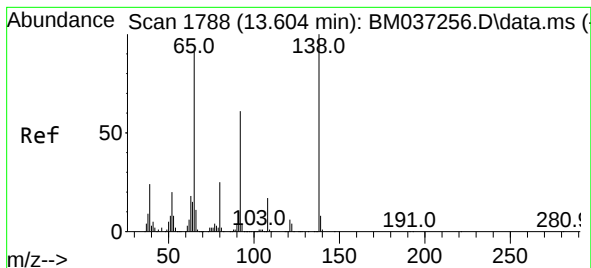
Tgt Ion:172 Resp: 3765073
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 0.017 ng
RT: 13.233 min Scan# 1725
Delta R.T. -0.053 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:154 Resp: 700
Ion Ratio Lower Upper
154 100
153 43.1 20.3 60.3
76 60.0 0.0 33.7#





#48

2-Nitroaniline

Concen: 0.040 ng

RT: 13.533 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

Instrument :

BNA_M

ClientSampleId :

TP-10

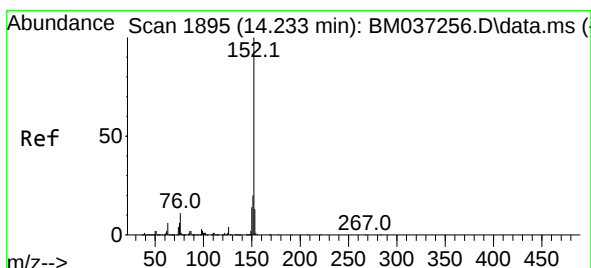
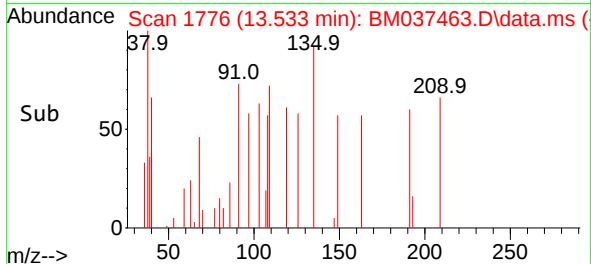
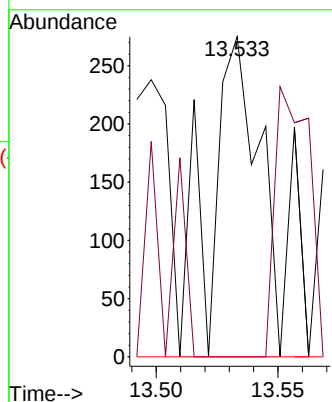
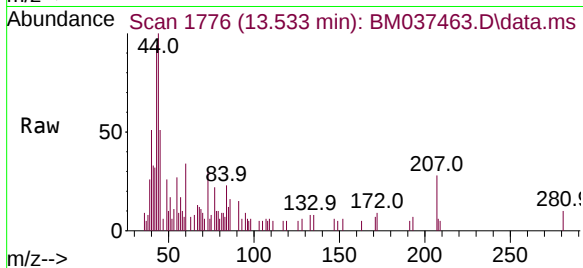
Tgt Ion: 65 Resp: 386

Ion Ratio Lower Upper

65 100

92 0.0 53.7 80.5#

138 0.0 87.4 131.2#



#49

Acenaphthylene

Concen: 0.011 ng

RT: 14.133 min Scan# 1878

Delta R.T. -0.041 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

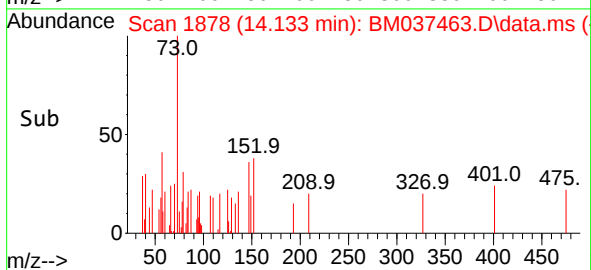
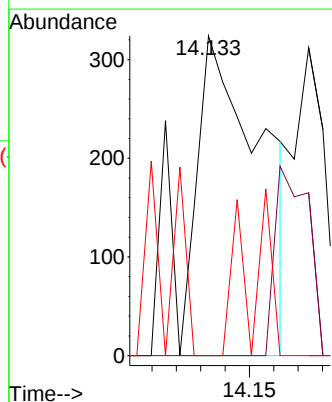
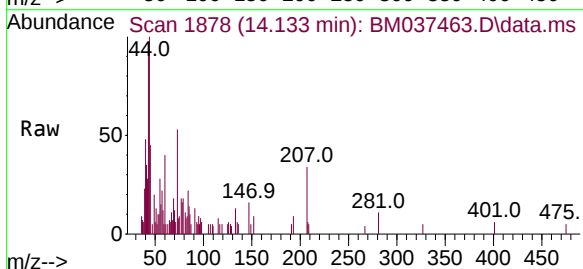
Tgt Ion: 152 Resp: 581

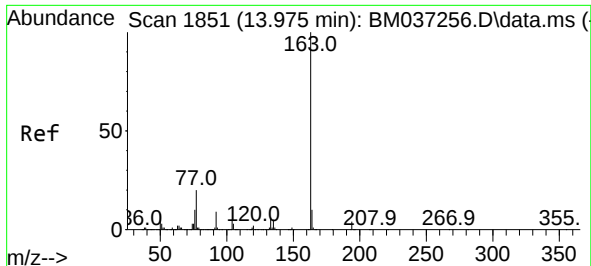
Ion Ratio Lower Upper

152 100

151 0.0 16.0 24.0#

153 0.0 10.6 15.8#

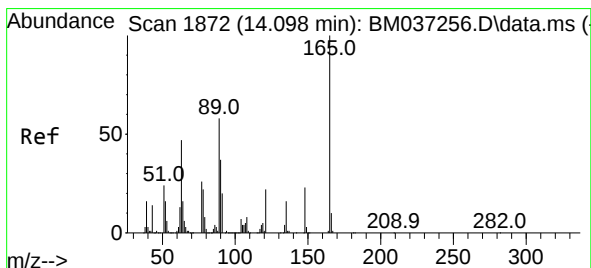
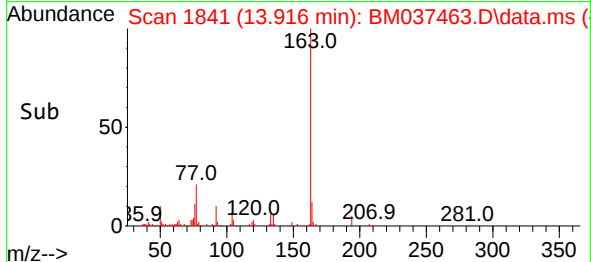
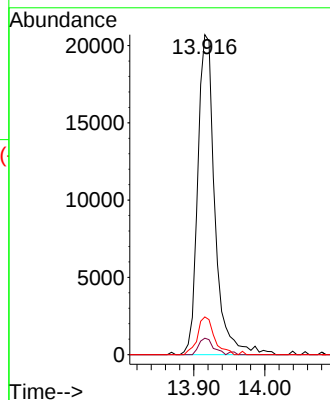
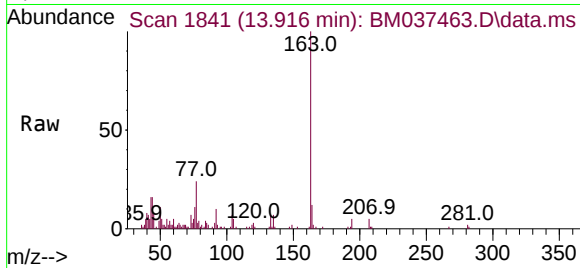




#50
Dimethylphthalate
Concen: 0.869 ng
RT: 13.916 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

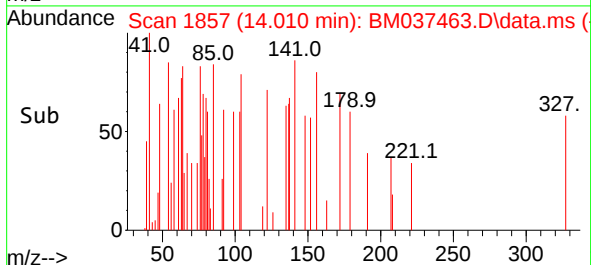
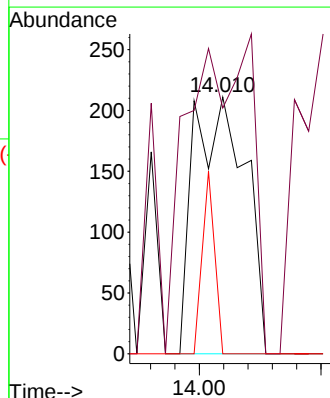
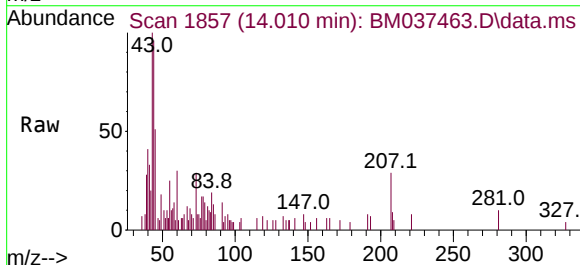
Instrument :
BNA_M
ClientSampleId :
TP-10

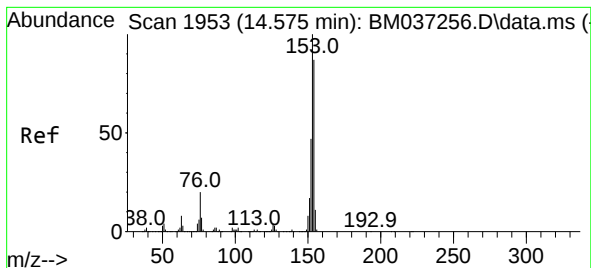
Tgt Ion:163 Resp: 34612
Ion Ratio Lower Upper
163 100
194 5.1 3.0 4.6#
164 11.8 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 0.037 ng
RT: 14.010 min Scan# 1857
Delta R.T. -0.041 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:165 Resp: 312
Ion Ratio Lower Upper
165 100
63 95.7 46.2 69.2#
89 0.0 46.6 69.8#





#52

Acenaphthene

Concen: 0.039 ng

RT: 14.510 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

Instrument :

BNA_M

ClientSampleId :

TP-10

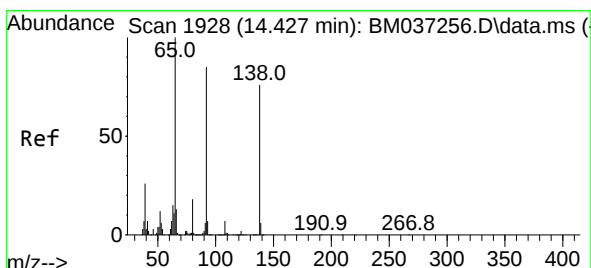
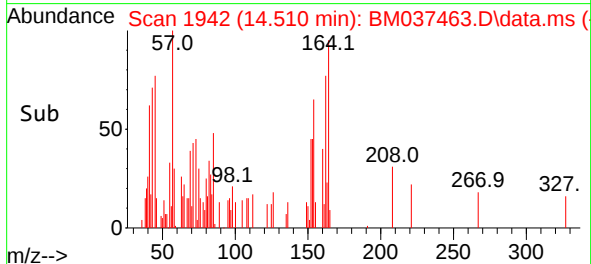
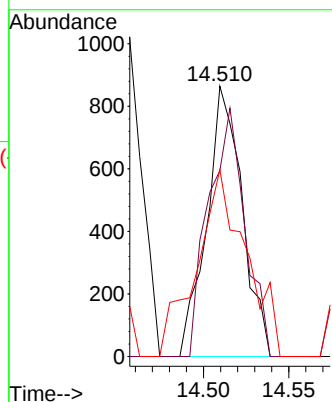
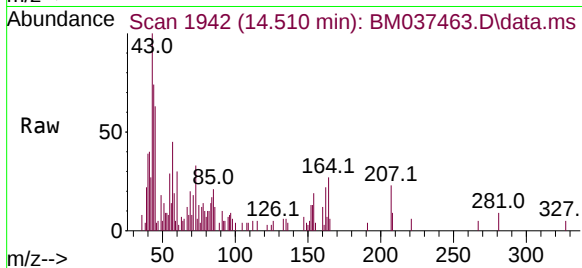
Tgt Ion:154 Resp: 1247

Ion Ratio Lower Upper

154 100

153 68.9 91.5 137.3#

152 69.1 43.0 64.6#



#53

3-Nitroaniline

Concen: 0.006 ng

RT: 14.445 min Scan# 1931

Delta R.T. 0.065 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

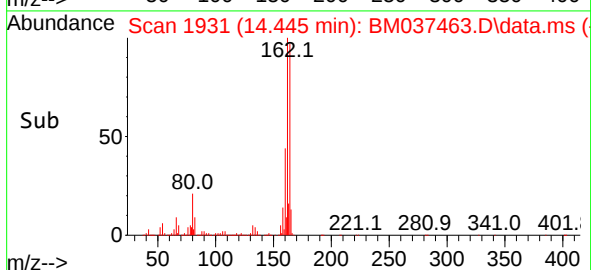
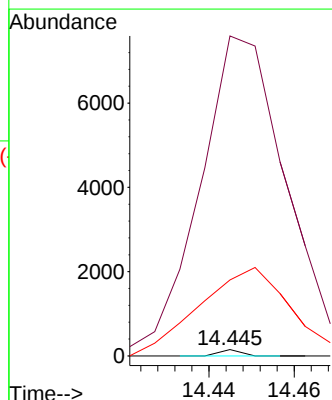
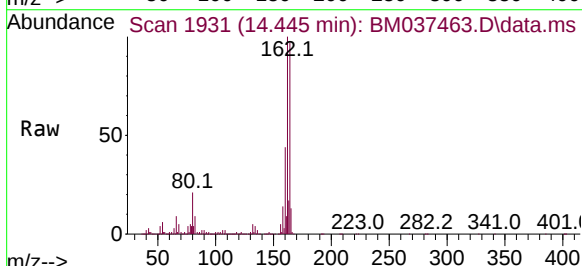
Tgt Ion:138 Resp: 53

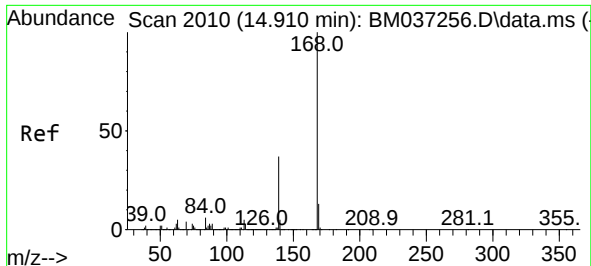
Ion Ratio Lower Upper

138 100

108 5064.0 7.3 10.9#

92 1200.7 89.8 134.8#

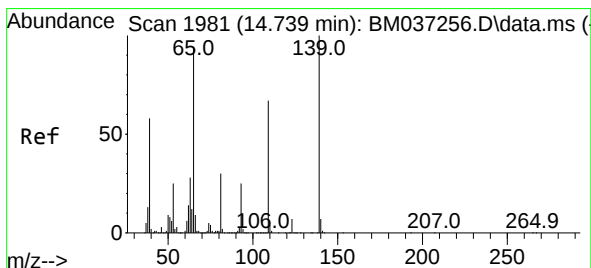
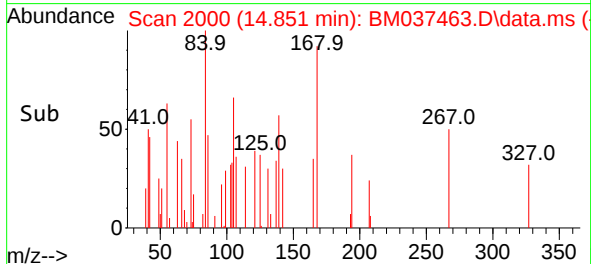
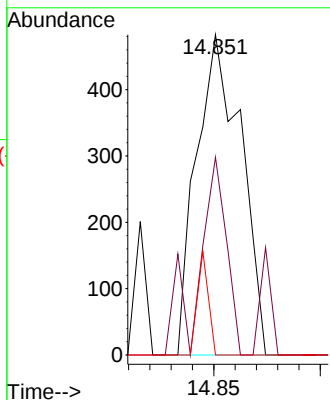
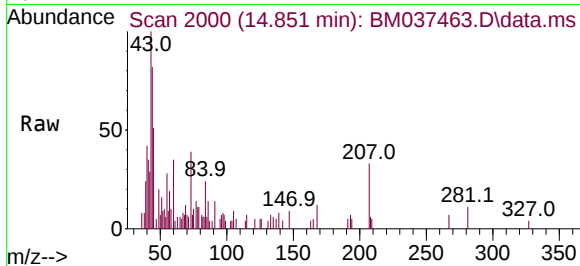




#55
Dibenzofuran
Concen: 0.014 ng
RT: 14.851 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

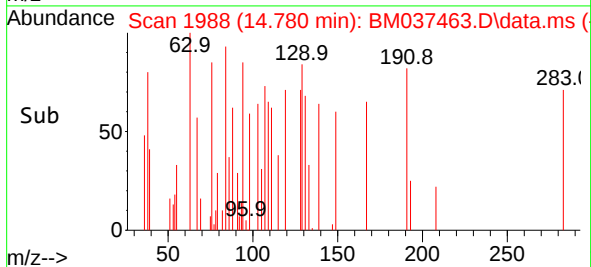
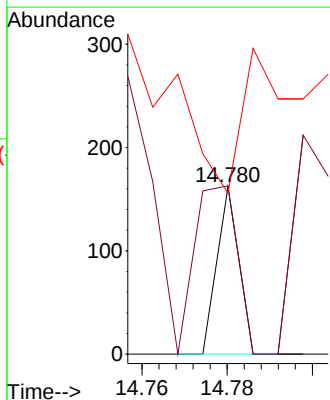
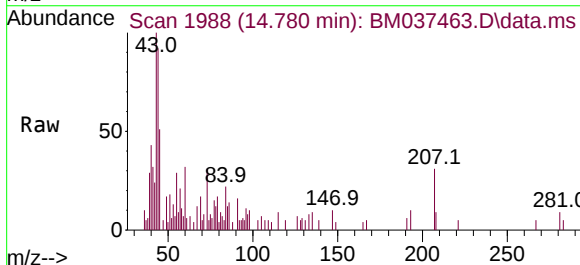
Instrument :
BNA_M
ClientSampleId :
TP-10

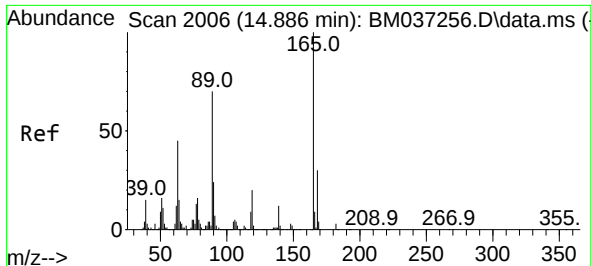
Tgt Ion:168 Resp: 702
Ion Ratio Lower Upper
168 100
139 61.7 29.3 43.9#
169 0.0 10.6 16.0#



#56
4-Nitrophenol
Concen: 0.008 ng
RT: 14.780 min Scan# 1988
Delta R.T. 0.076 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 100.6 47.4 87.4#
65 96.3 73.8 113.8

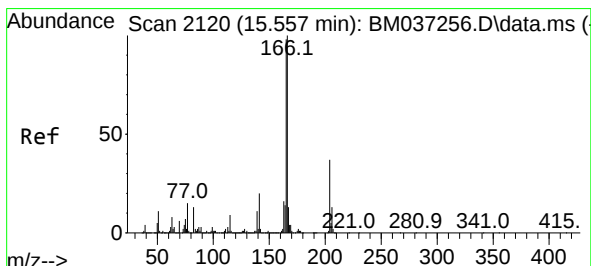
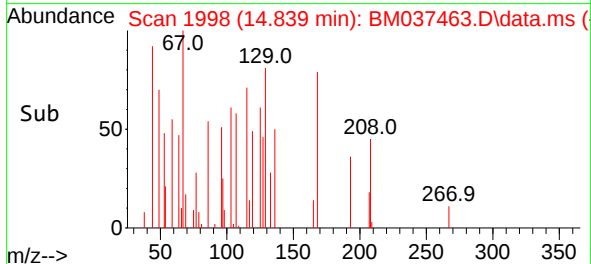
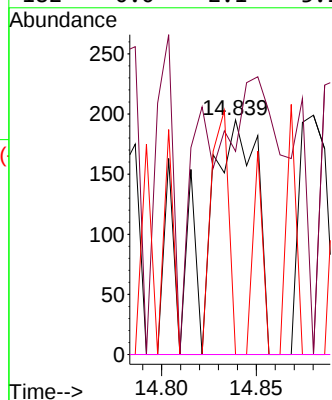
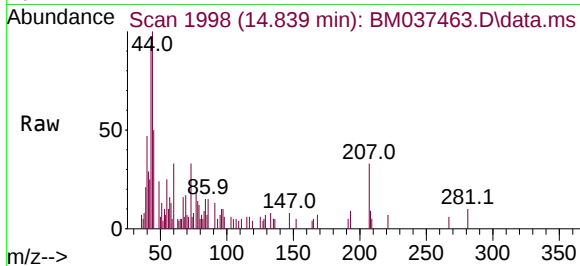




#57
2,4-Dinitrotoluene
Concen: 0.032 ng
RT: 14.839 min Scan# 19
Delta R.T. -0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

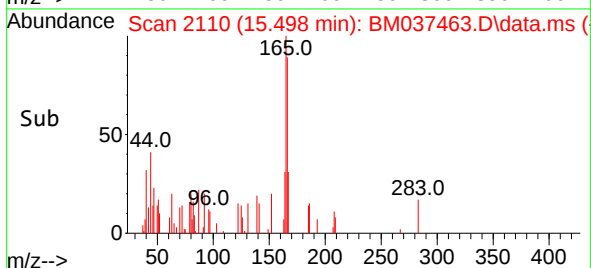
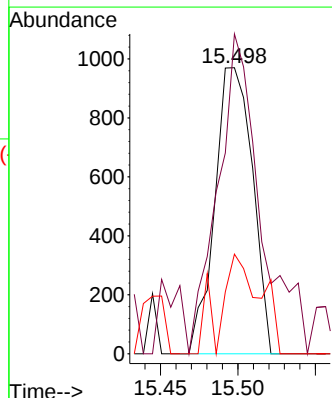
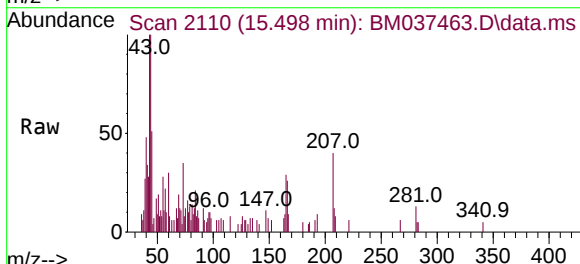
Instrument :
BNA_M
ClientSampleId :
TP-10

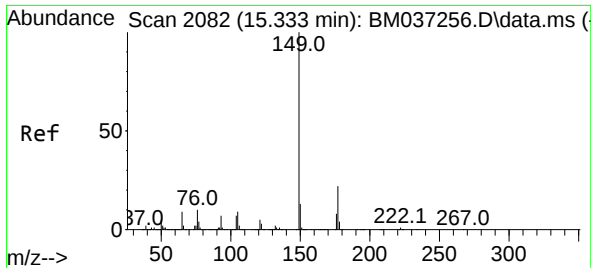
Tgt Ion:165 Resp: 355
Ion Ratio Lower Upper
165 100
63 86.7 36.3 54.5#
89 0.0 56.3 84.5#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 0.040 ng
RT: 15.498 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:166 Resp: 1643
Ion Ratio Lower Upper
166 100
165 111.9 78.2 117.4
167 34.8 10.6 15.8#

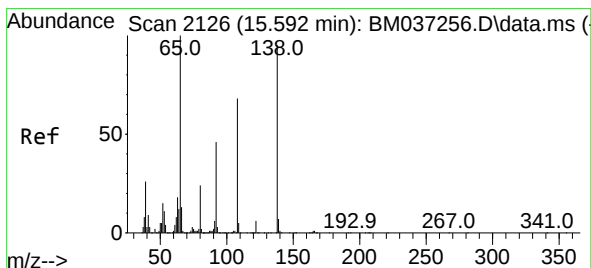
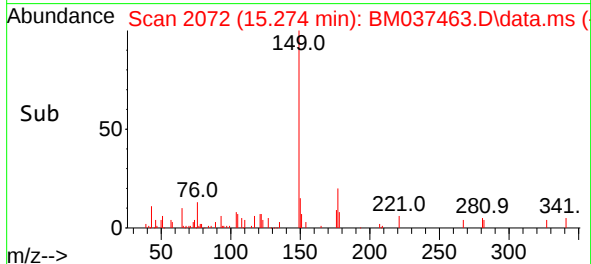
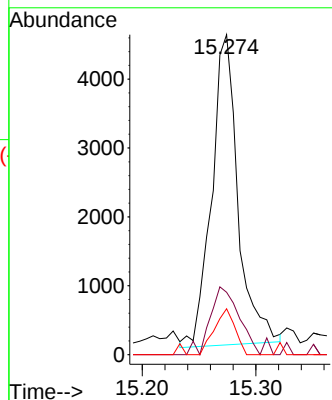
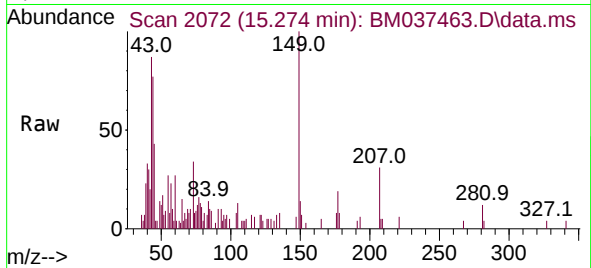




#60
Diethylphthalate
Concen: 0.187 ng
RT: 15.274 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

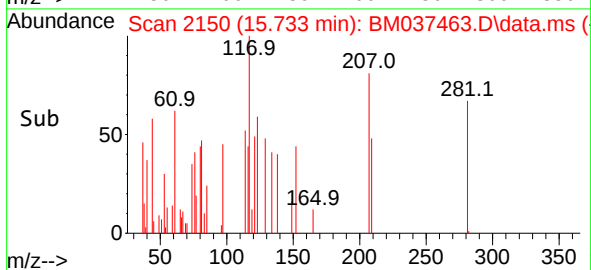
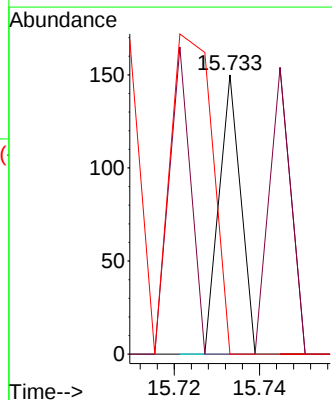
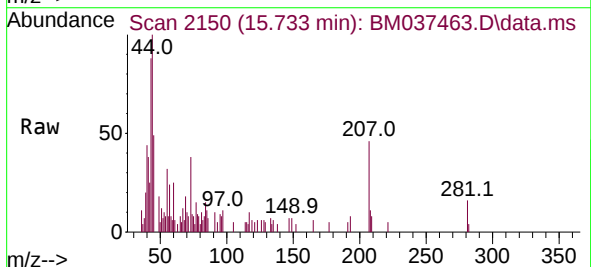
Instrument :
BNA_M
ClientSampleId :
TP-10

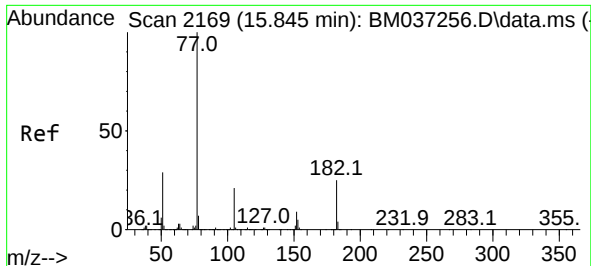
Tgt Ion:149	Resp:	7244
Ion Ratio	Lower	Upper
149	100	
177	19.5	17.4 26.0
150	14.3	10.0 15.0



#62
4-Nitroaniline
Concen: 0.006 ng
RT: 15.733 min Scan# 2150
Delta R.T. 0.188 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:138	Resp:	53
Ion Ratio	Lower	Upper
138	100	
92	0.0	28.1 68.1#
108	0.0	51.3 91.3#

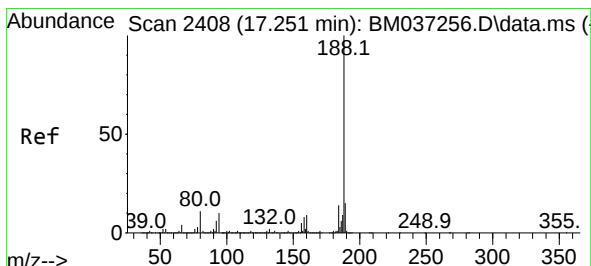
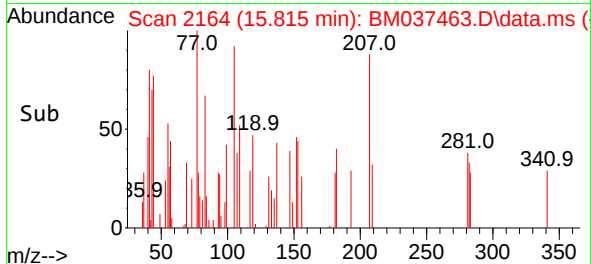
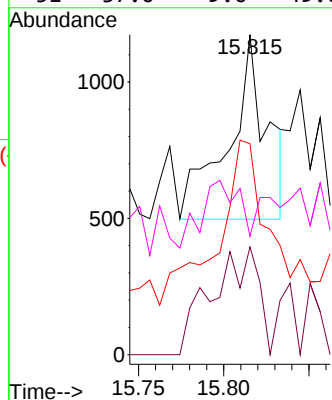
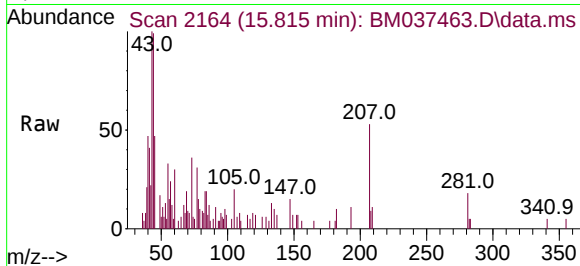




#63
 Azobenzene
 Concen: 0.028 ng
 RT: 15.815 min Scan# 2164
 Delta R.T. 0.024 min
 Lab File: BM037463.D
 Acq: 11 Nov 2022 12:39

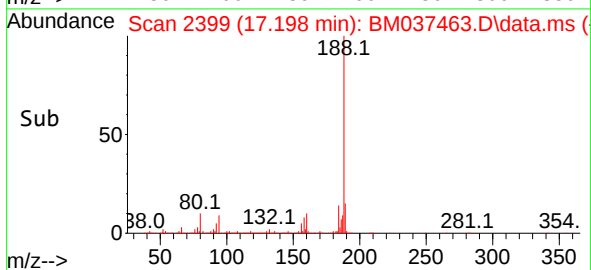
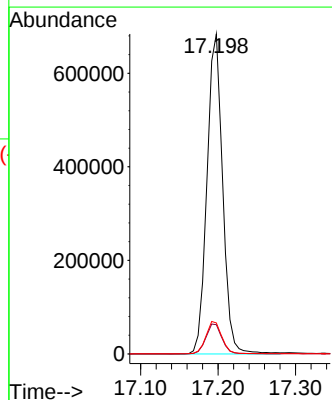
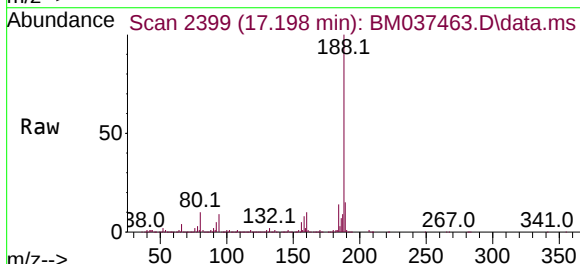
Instrument :
 BNA_M
 ClientSampleId :
 TP-10

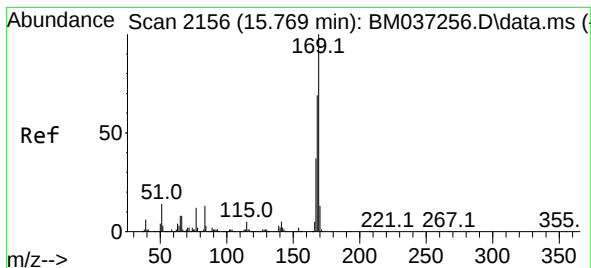
Tgt Ion: 77 Resp: 1063
 Ion Ratio Lower Upper
 77 100
 182 33.6 5.1 45.1
 105 65.9 0.5 40.5#
 51 37.0 9.0 49.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.198 min Scan# 2399
 Delta R.T. -0.000 min
 Lab File: BM037463.D
 Acq: 11 Nov 2022 12:39

Tgt Ion: 188 Resp: 960209
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.9 11.9
 80 9.7 8.5 12.7





#66

n-Nitrosodiphenylamine

Concen: 0.984 ng

RT: 15.945 min Scan# 21

Delta R.T. 0.229 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

Instrument :

BNA_M

ClientSampleId :

TP-10

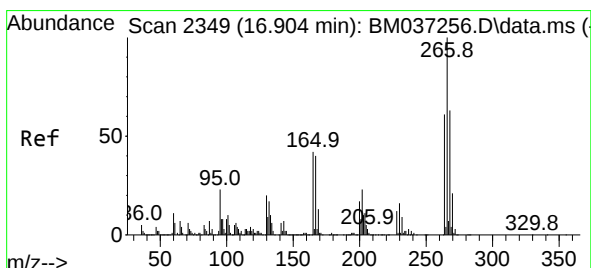
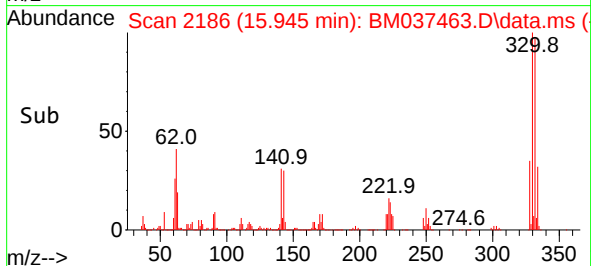
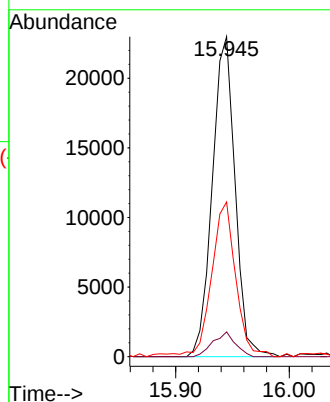
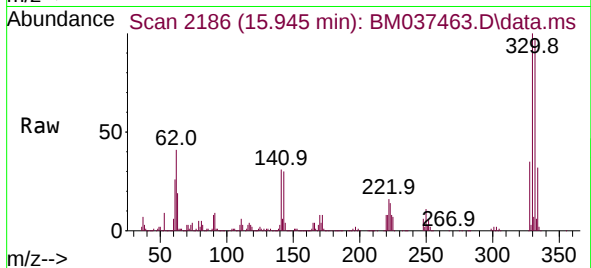
Tgt Ion:169 Resp: 31926

Ion Ratio Lower Upper

169 100

168 7.7 54.8 82.2#

167 48.3 29.5 44.3#



#70

Pentachlorophenol

Concen: 0.030 ng

RT: 16.857 min Scan# 2341

Delta R.T. 0.006 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

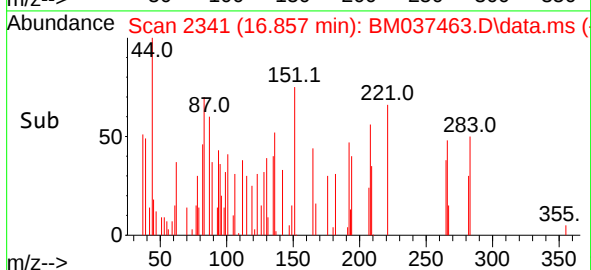
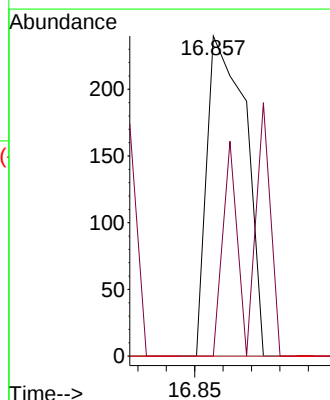
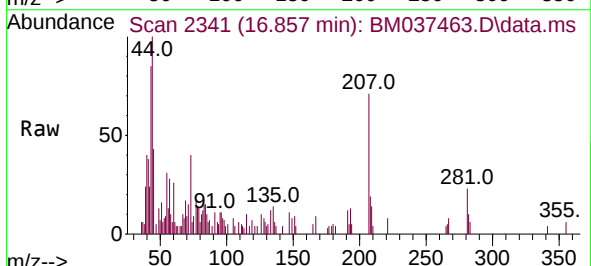
Tgt Ion:266 Resp: 226

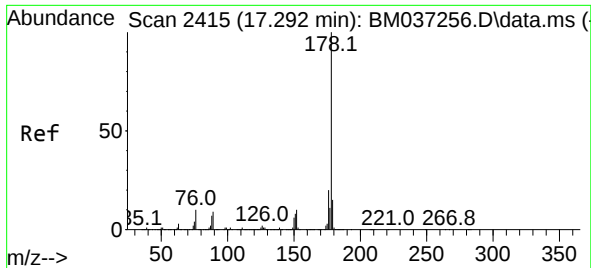
Ion Ratio Lower Upper

266 100

268 0.0 50.7 76.1#

264 0.0 49.1 73.7#

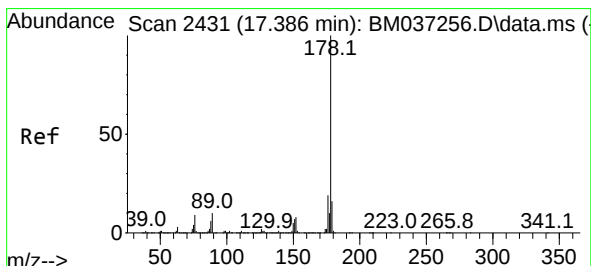
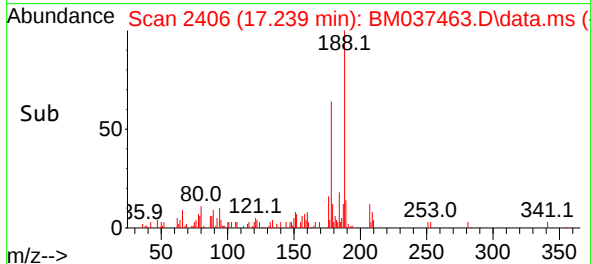
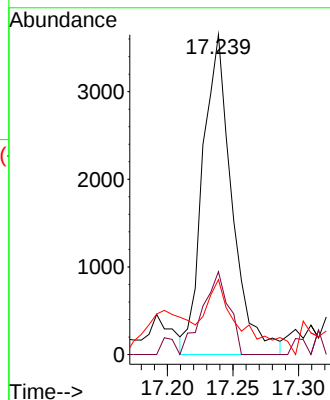
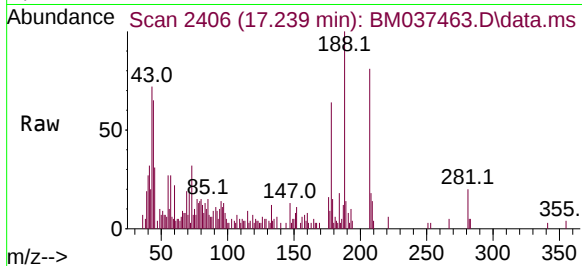




#71
Phenanthrene
Concen: 0.095 ng
RT: 17.239 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

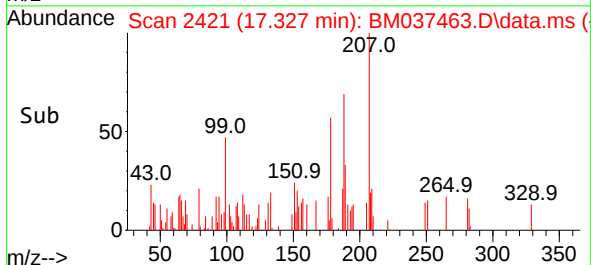
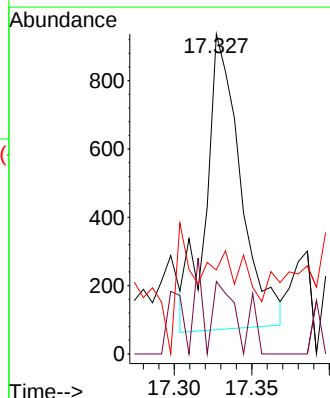
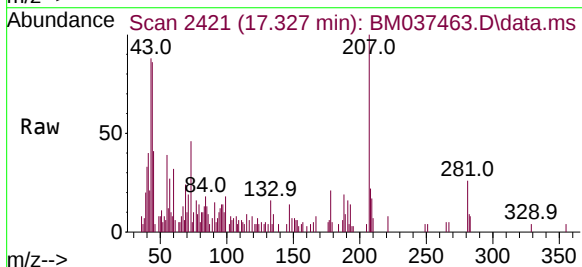
Instrument :
BNA_M
ClientSampleId :
TP-10

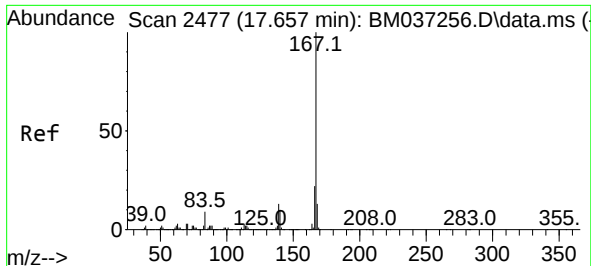
Tgt Ion:178 Resp: 5680
Ion Ratio Lower Upper
178 100
176 25.9 15.6 23.4#
179 23.4 12.4 18.6#



#72
Anthracene
Concen: 0.024 ng
RT: 17.327 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:178 Resp: 1349
Ion Ratio Lower Upper
178 100
176 22.6 15.4 23.0
179 26.3 12.6 19.0#

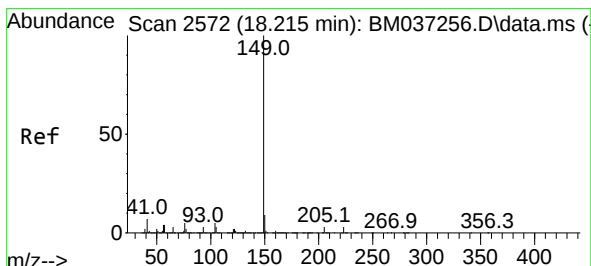
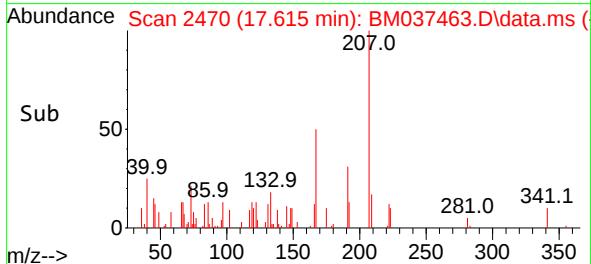
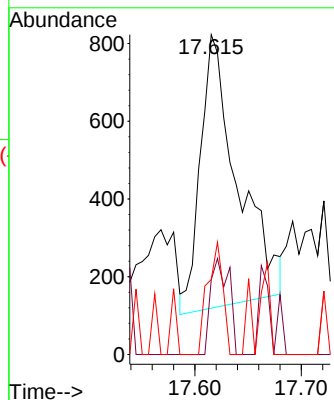
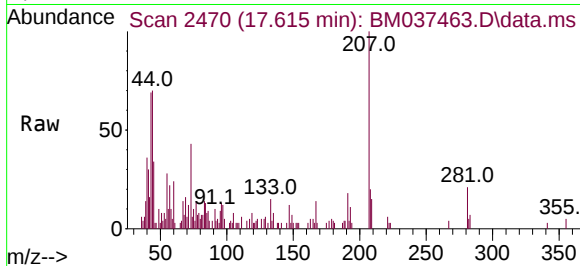




#73
 Carbazole
 Concen: 0.033 ng
 RT: 17.615 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BM037463.D
 Acq: 11 Nov 2022 12:39

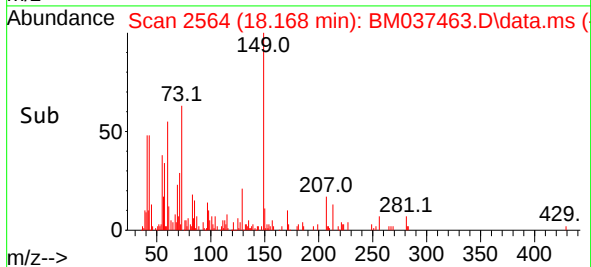
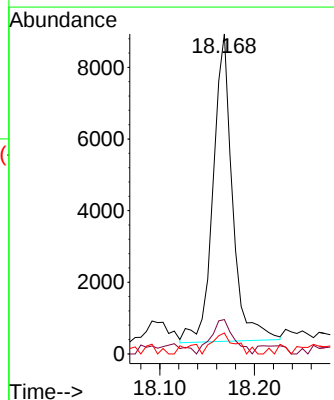
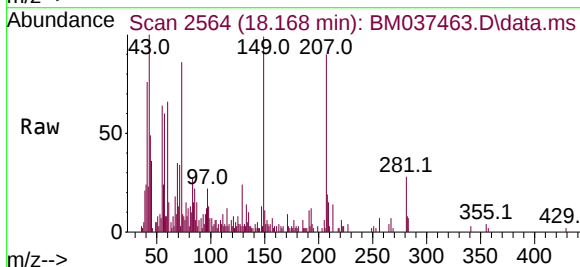
Instrument :
 BNA_M
 ClientSampleId :
 TP-10

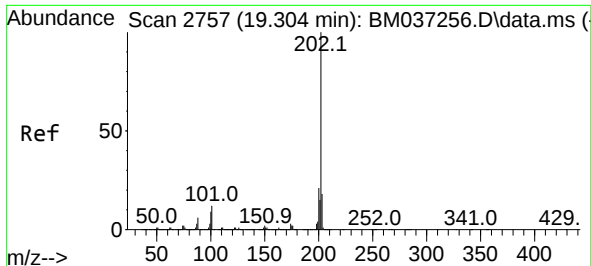
Tgt Ion:167 Resp: 1708
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.4 26.2
 139 23.5 10.4 15.6#



#74
 Di-n-butylphthalate
 Concen: 0.214 ng
 RT: 18.168 min Scan# 2564
 Delta R.T. 0.000 min
 Lab File: BM037463.D
 Acq: 11 Nov 2022 12:39

Tgt Ion:149 Resp: 12221
 Ion Ratio Lower Upper
 149 100
 150 10.7 7.4 11.0
 104 6.5 4.0 6.0#

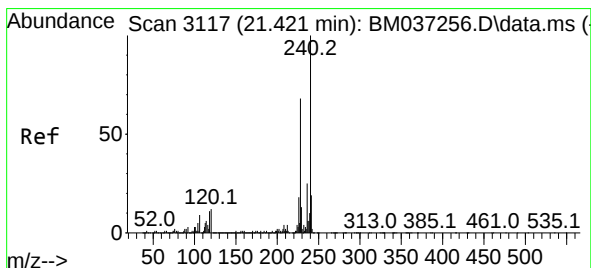
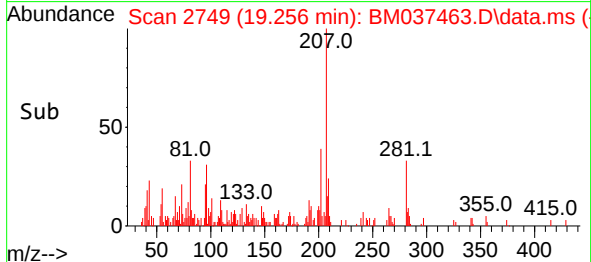
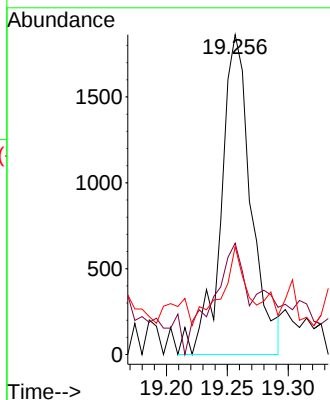
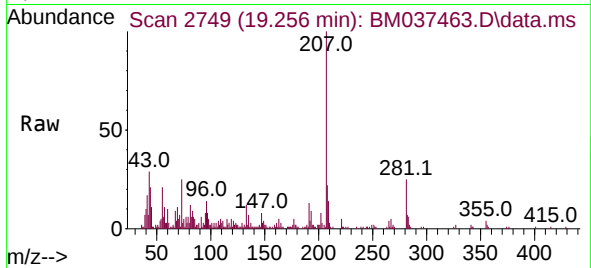




#75
Fluoranthene
Concen: 0.051 ng
RT: 19.256 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

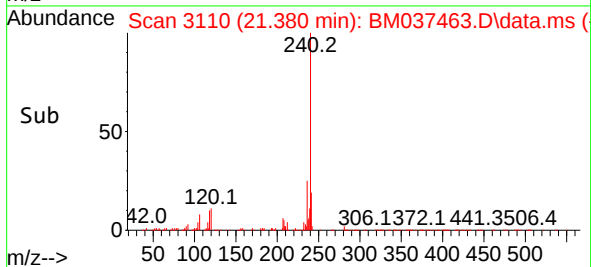
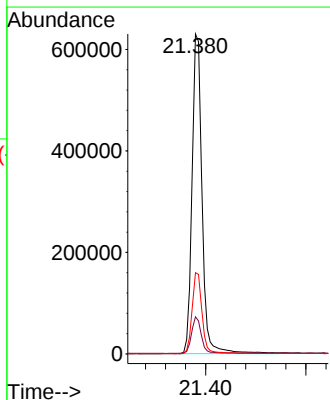
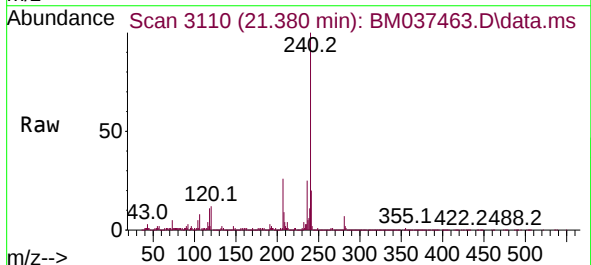
Instrument :
BNA_M
ClientSampleId :
TP-10

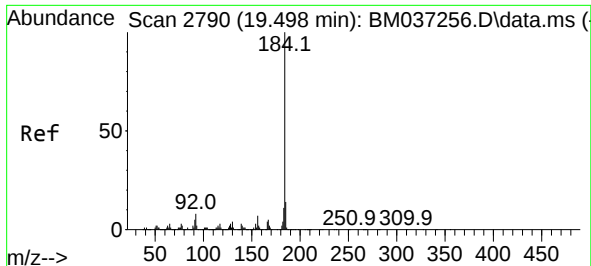
Tgt Ion:202 Resp: 3194
Ion Ratio Lower Upper
202 100
101 34.8 0.0 32.4#
203 33.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:240 Resp: 873909
Ion Ratio Lower Upper
240 100
120 11.6 9.9 14.9
236 25.4 20.3 30.5

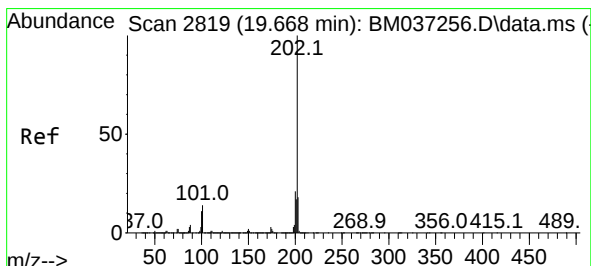
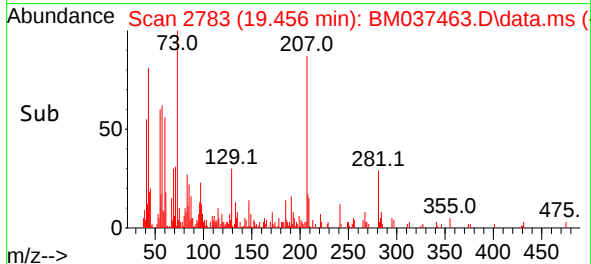
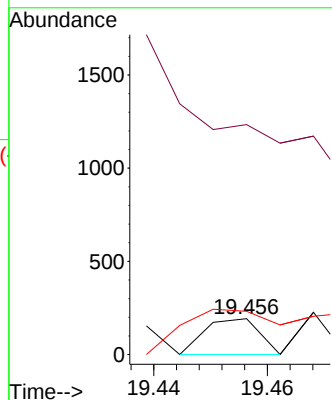
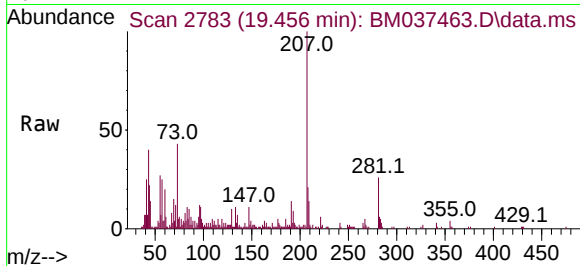




#77
Benzidine
Concen: 0.010 ng
RT: 19.456 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

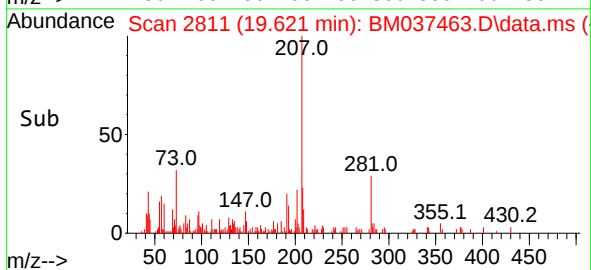
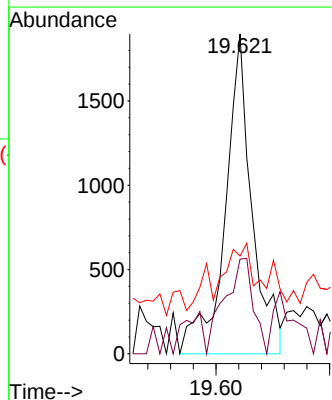
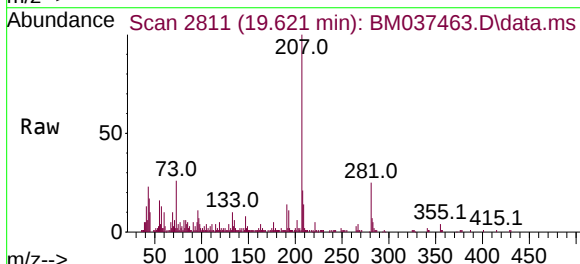
Instrument :
BNA_M
ClientSampleId :
TP-10

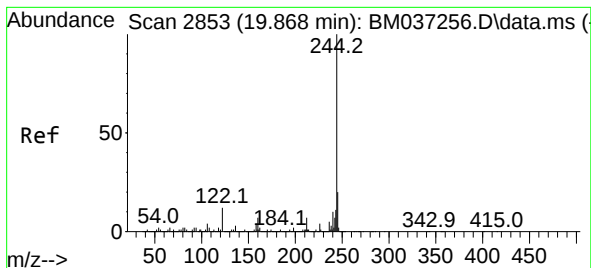
Tgt Ion:184 Resp: 129
Ion Ratio Lower Upper
184 100
185 642.7 11.3 16.9#
183 120.8 9.0 13.4#



#78
Pyrene
Concen: 0.046 ng
RT: 19.621 min Scan# 2811
Delta R.T. 0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:202 Resp: 3119
Ion Ratio Lower Upper
202 100
200 29.6 17.0 25.6#
203 30.6 14.1 21.1#





#79

Terphenyl-d14

Concen: 106.444 ng

RT: 19.827 min Scan# 2846

Delta R.T. 0.000 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

Instrument :

BNA_M

ClientSampleId :

TP-10

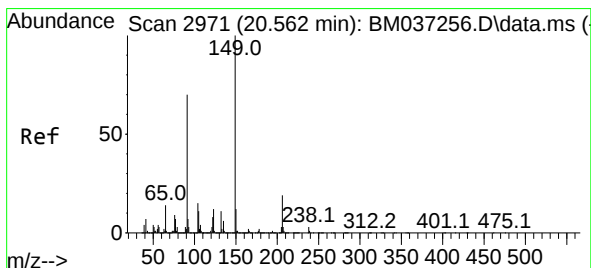
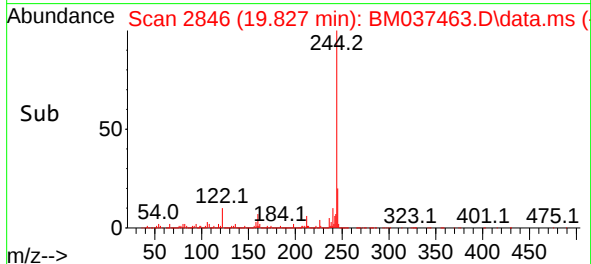
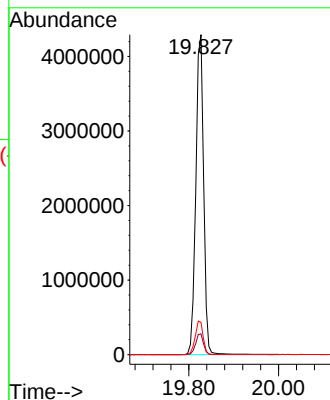
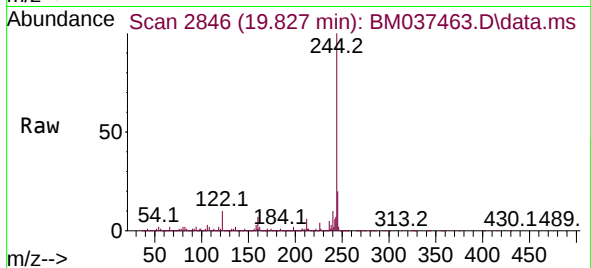
Tgt Ion:244 Resp: 5187278

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.1 9.4 14.2



#80

Butylbenzylphthalate

Concen: 0.022 ng

RT: 20.762 min Scan# 3005

Delta R.T. 0.241 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

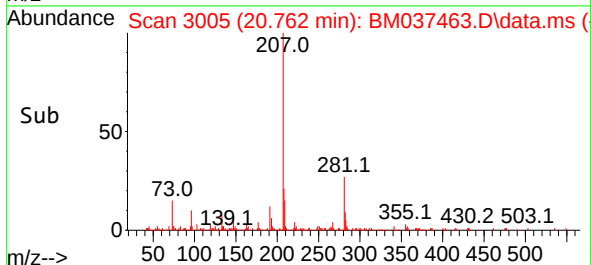
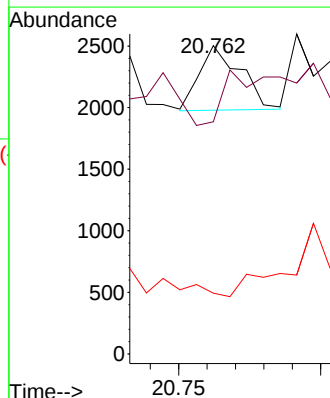
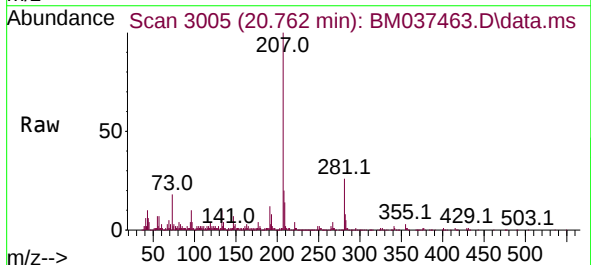
Tgt Ion:149 Resp: 530

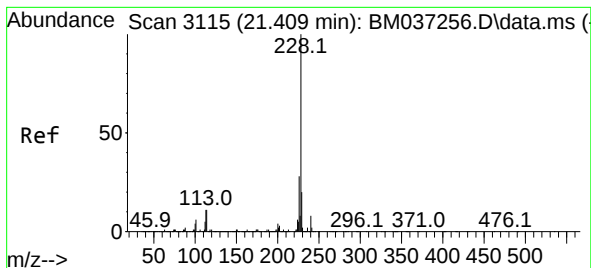
Ion Ratio Lower Upper

149 100

91 75.3 56.2 84.4

206 19.7 15.4 23.0





#81

Benzo(a)anthracene

Concen: 0.061 ng

RT: 21.380 min Scan# 3115

Delta R.T. 0.012 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

Instrument :

BNA_M

ClientSampleId :

TP-10

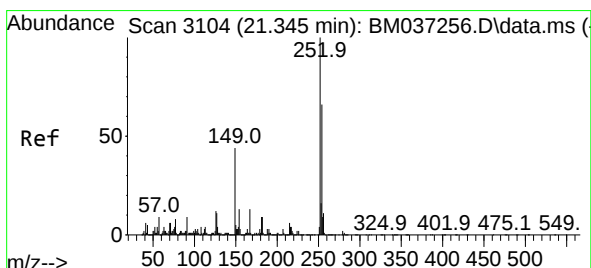
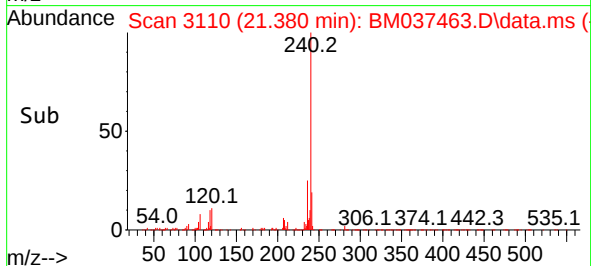
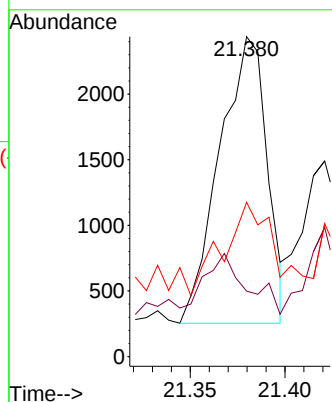
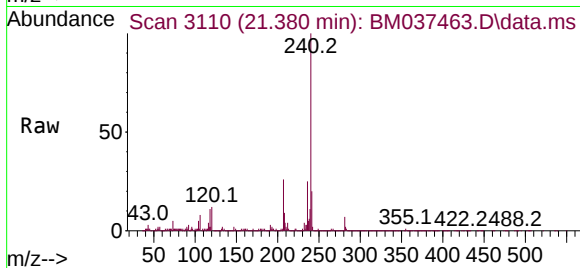
Tgt Ion:228 Resp: 3815

Ion Ratio Lower Upper

228 100

226 20.5 22.3 33.5#

229 48.2 16.2 24.2#



#82

3,3'-Dichlorobenzidine

Concen: 0.026 ng

RT: 21.321 min Scan# 3100

Delta R.T. 0.012 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

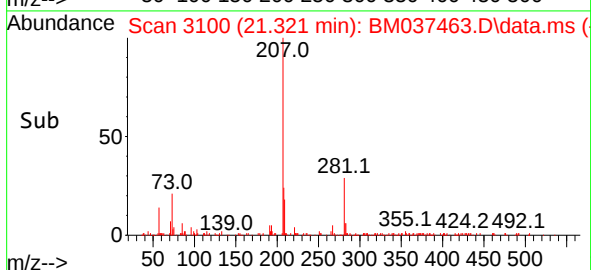
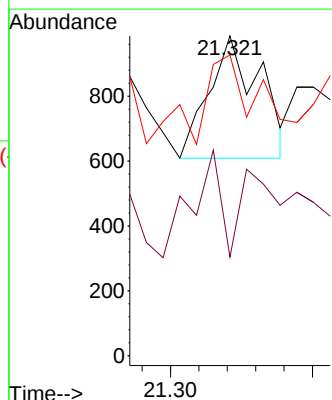
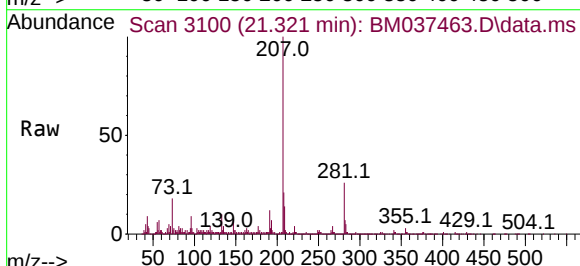
Tgt Ion:252 Resp: 468

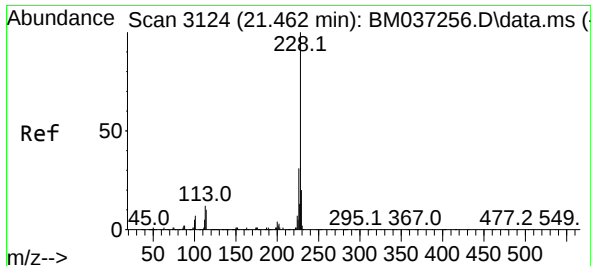
Ion Ratio Lower Upper

252 100

254 30.8 52.7 79.1#

126 94.0 9.8 14.6#

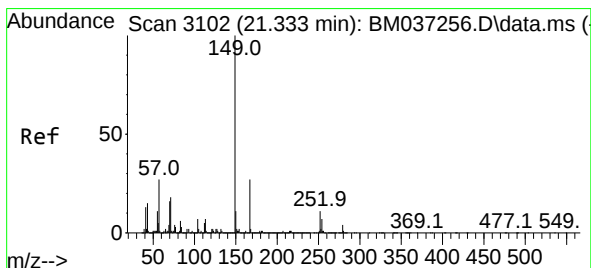
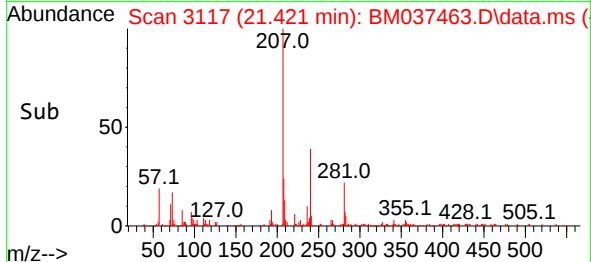
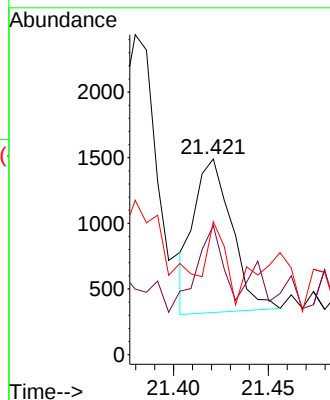
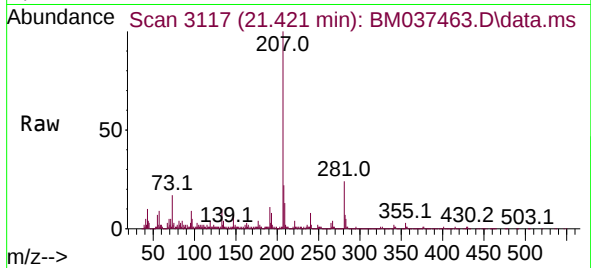




#83
Chrysene
Concen: 0.027 ng
RT: 21.421 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

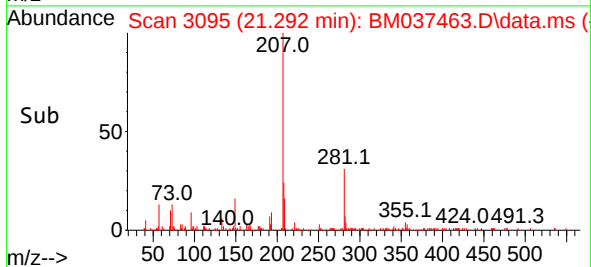
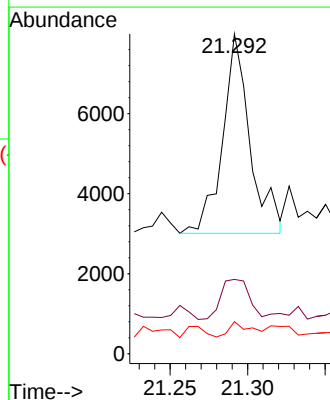
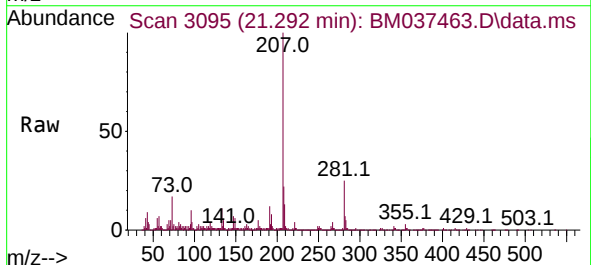
Instrument :
BNA_M
ClientSampleId :
TP-10

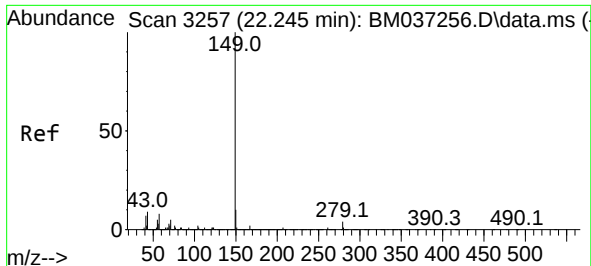
Tgt Ion:228 Resp: 1632
Ion Ratio Lower Upper
228 100
226 66.0 24.4 36.6#
229 67.9 16.0 24.0#



#84
Bis(2-ethylhexyl)phthalate
Concen: 0.191 ng
RT: 21.292 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:149 Resp: 6154
Ion Ratio Lower Upper
149 100
167 23.3 21.2 31.8
279 10.1 3.1 4.7#

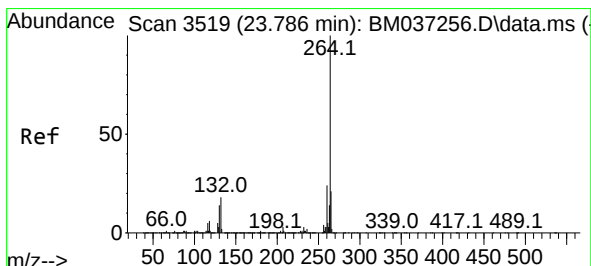
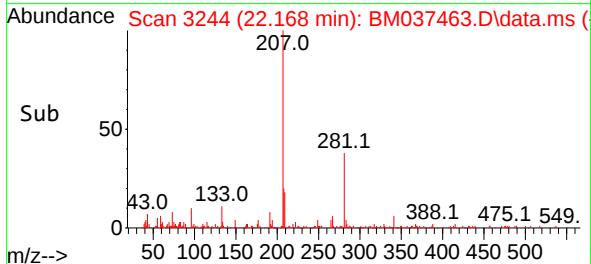
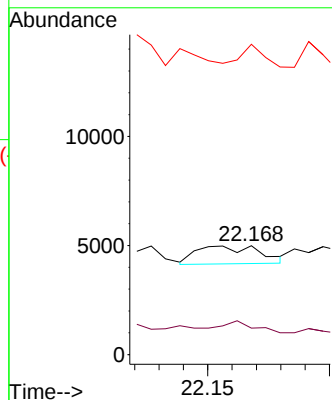
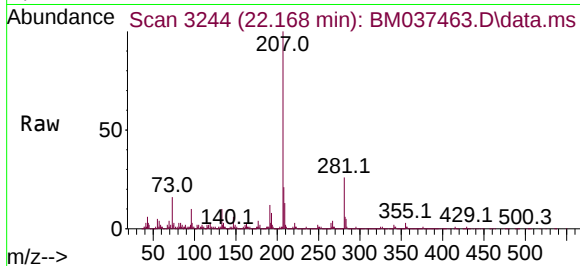




#85
Di-n-octyl phthalate
Concen: 0.029 ng
RT: 22.168 min Scan# 31
Delta R.T. -0.029 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

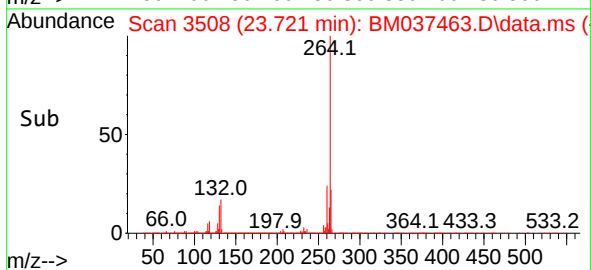
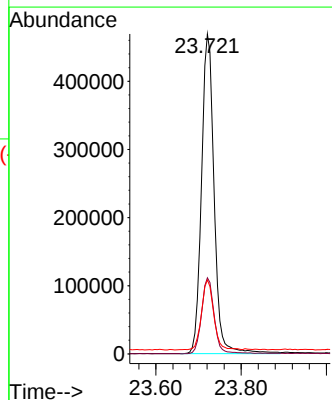
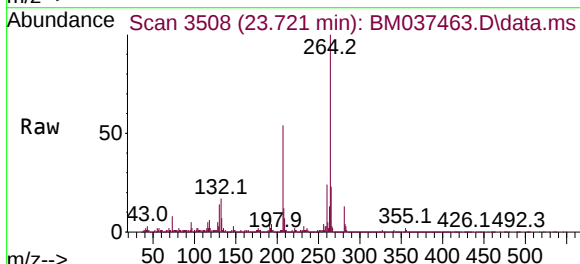
Instrument :
BNA_M
ClientSampleId :
TP-10

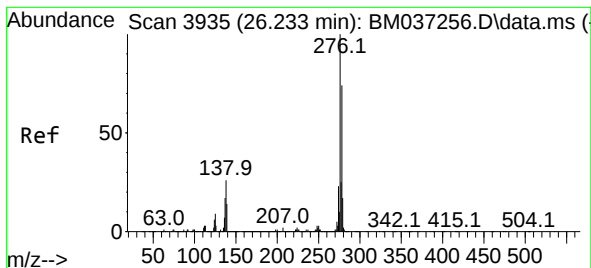
Tgt Ion:149 Resp: 1483
Ion Ratio Lower Upper
149 100
167 44.4 1.3 1.9#
43 44.4 8.0 12.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3508
Delta R.T. 0.000 min
Lab File: BM037463.D
Acq: 11 Nov 2022 12:39

Tgt Ion:264 Resp: 964642
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 23.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.006 ng

RT: 26.168 min Scan# 3935

Delta R.T. 0.024 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

Instrument :

BNA_M

ClientSampleId :

TP-10

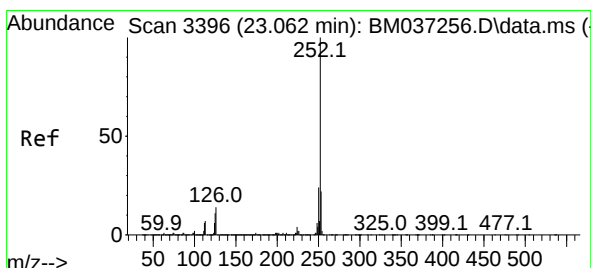
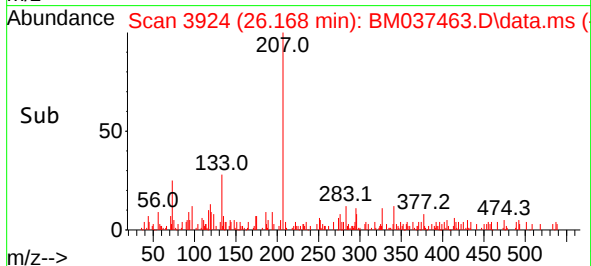
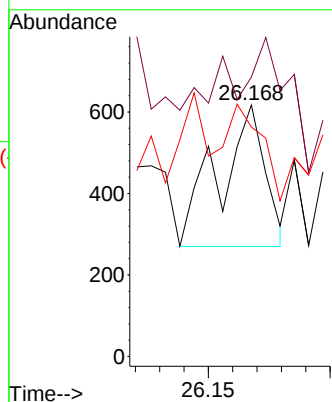
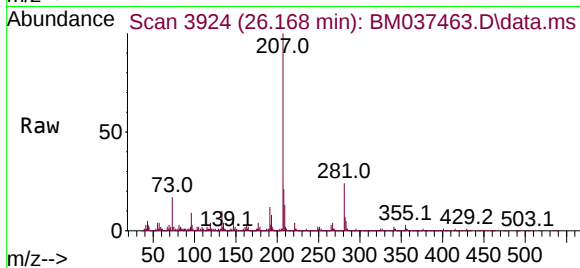
Tgt Ion:276 Resp: 458

Ion Ratio Lower Upper

276 100

138 0.0 21.5 32.3#

277 45.9 20.1 30.1#



#88

Benzo(b)fluoranthene

Concen: 0.024 ng

RT: 23.021 min Scan# 3389

Delta R.T. 0.006 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

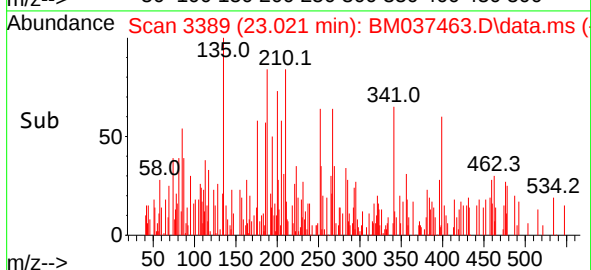
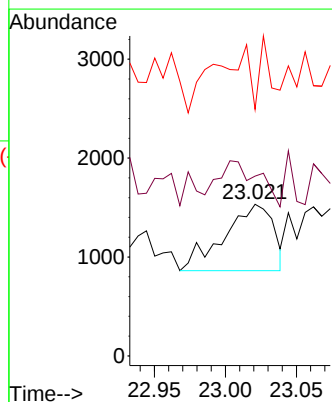
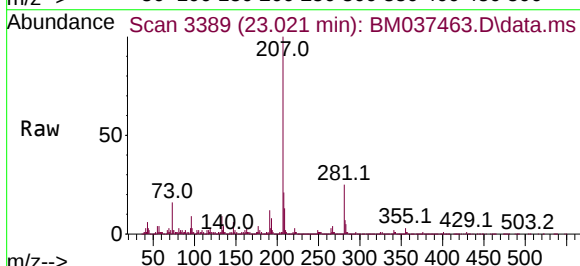
Tgt Ion:252 Resp: 1620

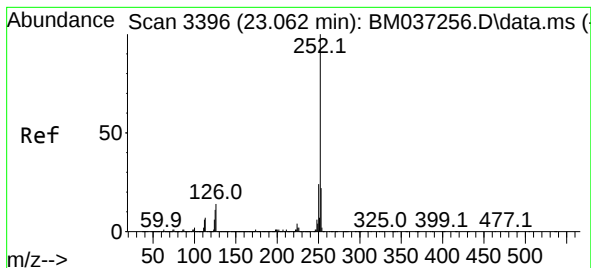
Ion Ratio Lower Upper

252 100

253 118.6 17.8 26.6#

125 162.6 9.1 13.7#





#89

Benzo(k)fluoranthene

Concen: 0.017 ng

RT: 23.062 min Scan# 3396

Delta R.T. 0.000 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

Instrument :

BNA_M

ClientSampleId :

TP-10

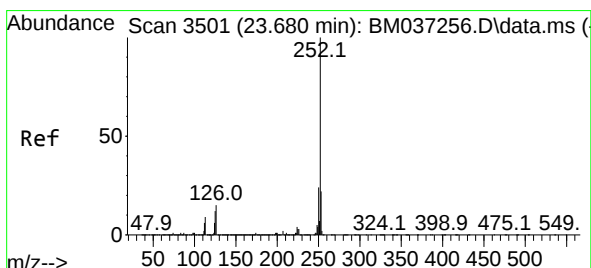
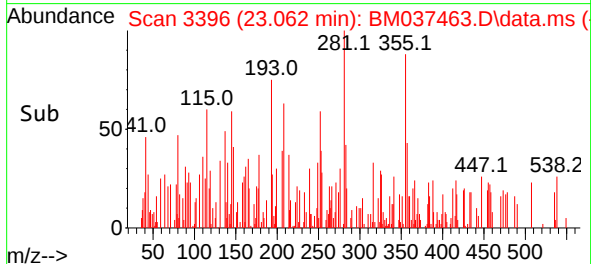
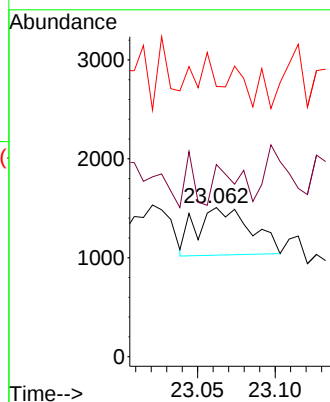
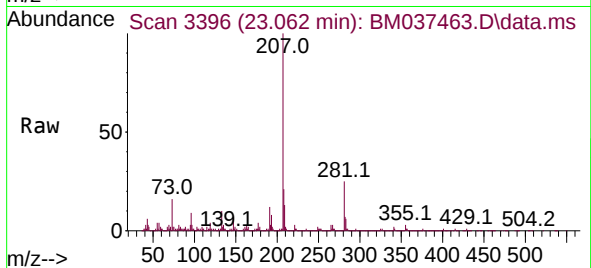
Tgt Ion:252 Resp: 1170

Ion Ratio Lower Upper

252 100

253 128.9 17.8 26.6#

125 181.3 9.1 13.7#



#90

Benzo(a)pyrene

Concen: 0.032 ng

RT: 23.615 min Scan# 3490

Delta R.T. -0.006 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

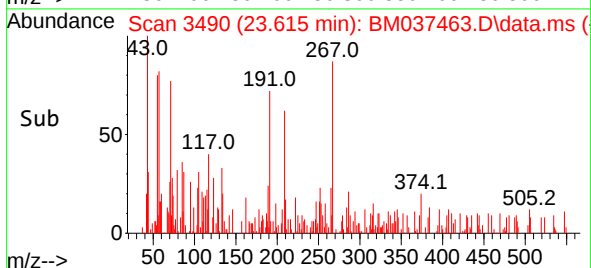
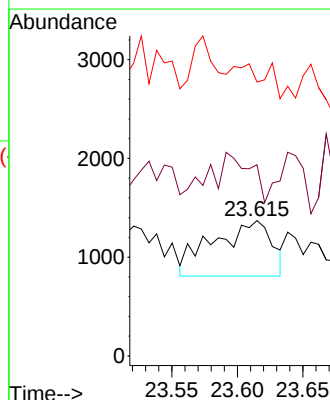
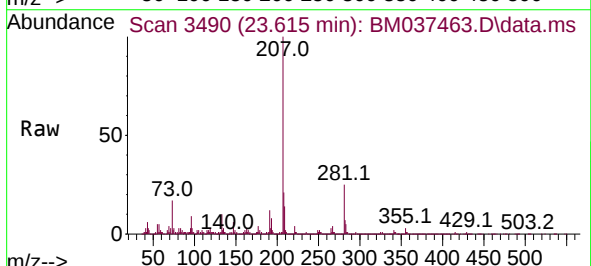
Tgt Ion:252 Resp: 1740

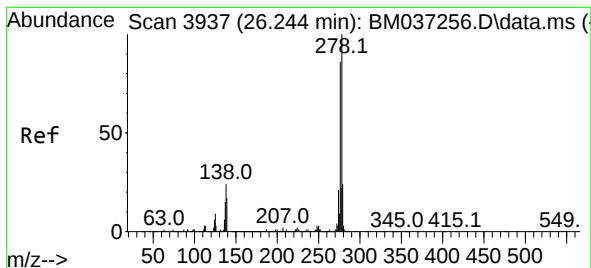
Ion Ratio Lower Upper

252 100

253 141.2 17.4 26.2#

125 202.3 9.9 14.9#





#91

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 26.156 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

Instrument :

BNA_M

ClientSampleId :

TP-10

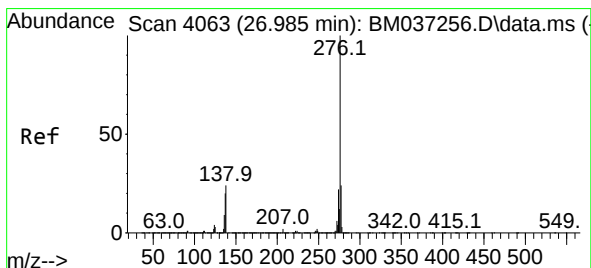
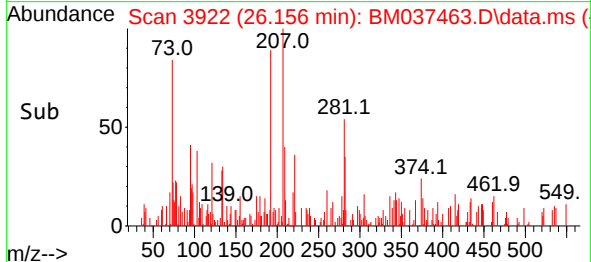
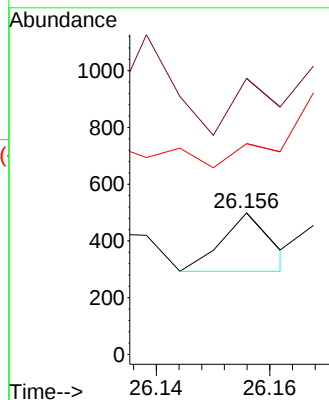
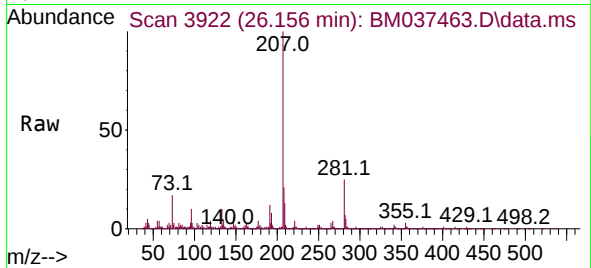
Tgt Ion:278 Resp: 125

Ion Ratio Lower Upper

278 100

139 195.0 13.8 20.8#

279 148.9 19.0 28.6#



#92

Benzo(g,h,i)perylene

Concen: 0.007 ng

RT: 26.903 min Scan# 4049

Delta R.T. 0.018 min

Lab File: BM037463.D

Acq: 11 Nov 2022 12:39

Tgt Ion:276 Resp: 420

Ion Ratio Lower Upper

276 100

277 57.1 19.4 29.2#

138 100.8 18.9 28.3#

