

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037470.D
 Acq On : 11 Nov 2022 16:59
 Operator : CG/JU
 Sample : PB148927TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB148927TB

Quant Time: Nov 11 22:56:53 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	251149	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	1047705	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	719948	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1569172	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1661645	20.000	ng	0.00
86) Perylene-d12	23.721	264	1656630	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2186251	150.391	ng	0.00
7) Phenol-d6	6.993	99	2870776	145.503	ng	0.00
23) Nitrobenzene-d5	8.981	82	1730117	83.314	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1490028	175.621	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	4392023	81.057	ng	0.00
79) Terphenyl-d14	19.827	244	8802918	95.002	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.216	88	487	0.082	ng	# 19
3) Pyridine	3.669	79	269	0.015	ng	# 1
4) n-Nitrosodimethylamine	3.569	42	49	0.006	ng	# 1
6) Aniline	7.122	93	262	0.011	ng	# 1
8) 2-Chlorophenol	7.369	128	194	0.011	ng	# 26
9) Benzaldehyde	6.993	77	4771	0.478	ng	# 4
10) Phenol	6.993	94	1210	0.055	ng	# 1
11) bis(2-Chloroethyl)ether	7.263	93	241	0.014	ng	# 42
15) Benzyl Alcohol	8.010	79	330	0.023	ng	# 38
16) 2,2'-oxybis(1-Chloropr...	8.340	45	197	0.008	ng	# 1
17) 2-Methylphenol	8.304	107	55	0.004	ng	# 1
18) Hexachloroethane	8.881	117	53	0.008	ng	# 3
19) n-Nitroso-di-n-propyla...	8.640	70	355	0.099	ng	# 1
20) 3+4-Methylphenols	8.528	107	60	0.003	ng	# 1
22) Acetophenone	8.645	105	289	0.011	ng	# 1
24) Nitrobenzene	8.981	77	5240	0.249	ng	# 37
25) Isophorone	9.575	82	186	0.005	ng	# 57
28) bis(2-Chloroethoxy)met...	10.039	93	56	0.003	ng	# 1
31) Naphthalene	10.657	128	645	0.011	ng	# 69
36) 4-Chloro-3-methylphenol	12.016	107	56	0.003	ng	# 17
37) 2-Methylnaphthalene	12.286	142	60	0.001	ng	# 82
38) 1-Methylnaphthalene	12.504	142	83	0.002	ng	# 83
46) 1,1'-Biphenyl	13.075	154	8294	0.143	ng	# 1
47) 2-Chloronaphthalene	13.333	162	56	0.001	ng	# 40
48) 2-Nitroaniline	13.533	65	126	0.009	ng	# 4
49) Acenaphthylene	14.169	152	432	0.006	ng	# 61
50) Dimethylphthalate	13.933	163	145	0.003	ng	# 77
52) Acenaphthene	14.504	154	312	0.007	ng	# 63
55) Dibenzofuran	14.863	168	351	0.005	ng	# 46
56) 4-Nitrophenol	14.869	139	73	0.007	ng	# 8
57) 2,4-Dinitrotoluene	14.880	165	76	0.005	ng	# 22
58) Fluorene	15.504	166	428	0.008	ng	# 73
60) Diethylphthalate	15.280	149	2395	0.045	ng	# 69
63) Azobenzene	15.786	77	269	0.005	ng	# 47
66) n-Nitrosodiphenylamine	15.939	169	42790	0.807	ng	# 38
67) 4-Bromophenyl-phenylether	16.121	248	117	0.007	ng	# 1

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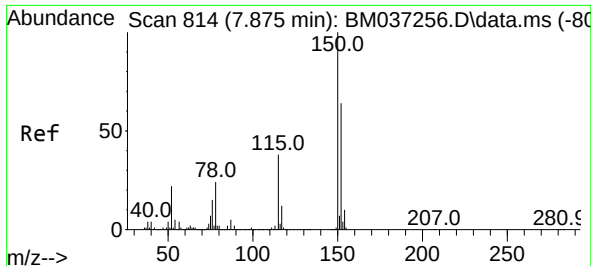
Quant Time: Nov 11 22:56:53 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Phenanthrene	17.239	178	3944	0.041	ng	# 84
72) Anthracene	17.345	178	1370	0.015	ng	# 74
73) Carbazole	17.645	167	493	0.006	ng	# 59
74) Di-n-butylphthalate	18.168	149	5591	0.060	ng	# 97
75) Fluoranthene	19.262	202	7360	0.072	ng	# 96
77) Benzidine	19.598	184	60	0.002	ng	# 1
78) Pyrene	19.621	202	8361	0.065	ng	# 98
80) Butylbenzylphthalate	20.503	149	340	0.007	ng	# 75
81) Benzo(a)anthracene	21.374	228	9512	0.080	ng	# 87
82) 3,3'-Dichlorobenzidine	21.327	252	288	0.008	ng	# 55
83) Chrysene	21.415	228	5950	0.052	ng	# 92
84) Bis(2-ethylhexyl)phtha...	21.292	149	2435	0.040	ng	# 88
85) Di-n-octyl phthalate	22.203	149	1463	0.015	ng	# 1
87) Indeno(1,2,3-cd)pyrene	26.144	276	2108	0.016	ng	# 78
88) Benzo(b)fluoranthene	23.009	252	4321	0.038	ng	# 1
89) Benzo(k)fluoranthene	23.062	252	2688	0.023	ng	# 1
90) Benzo(a)pyrene	23.615	252	3866	0.041	ng	# 1
91) Dibenzo(a,h)anthracene	26.174	278	482	0.004	ng	# 1
92) Benzo(g,h,i)perylene	26.897	276	3253	0.030	ng	# 45

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

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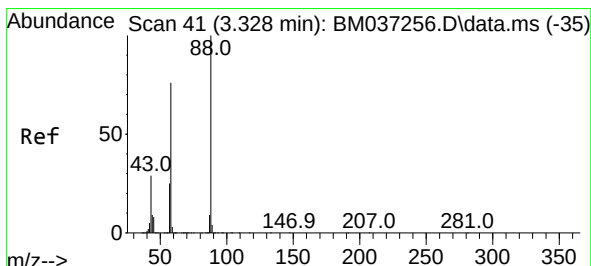
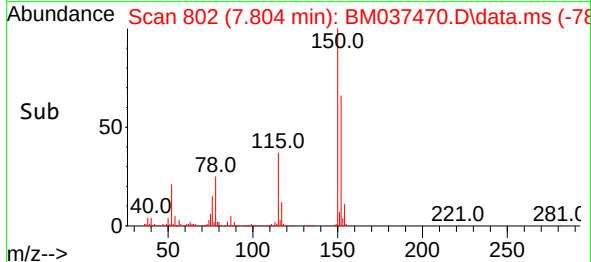
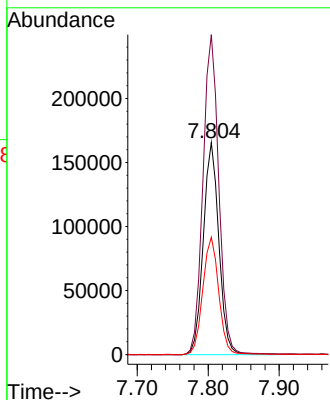
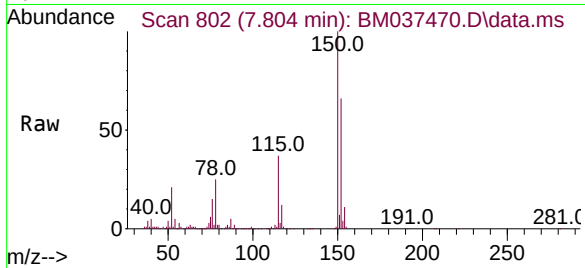




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BM037470.D
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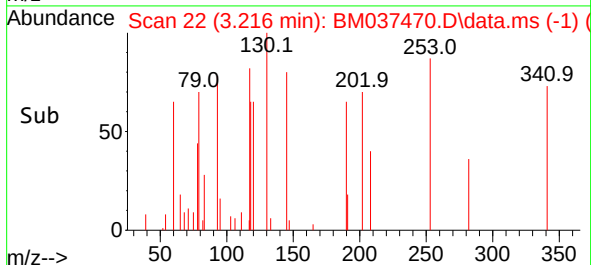
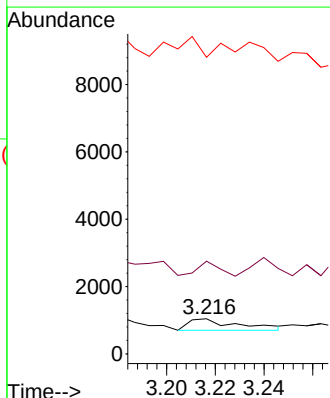
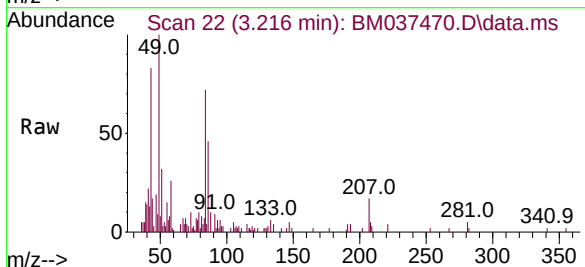
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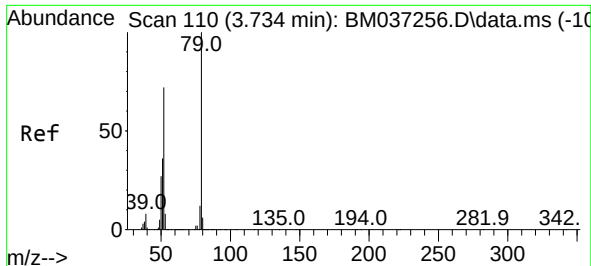
Tgt Ion:152 Resp: 251149
 Ion Ratio Lower Upper
 152 100
 150 150.9 124.8 187.2
 115 55.3 47.0 70.4



#2
 1,4-Dioxane
 Concen: 0.082 ng
 RT: 3.216 min Scan# 22
 Delta R.T. -0.035 min
 Lab File: BM037470.D
 Acq: 11 Nov 2022 16:59

Tgt Ion: 88 Resp: 487
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.5 95.3#
 43 0.0 24.2 36.4#

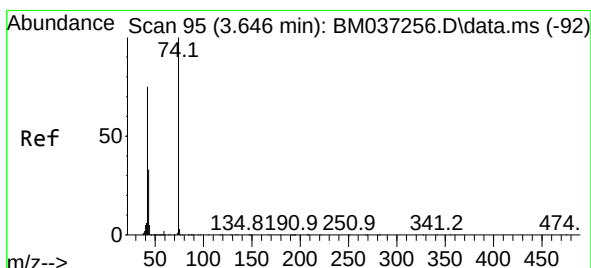
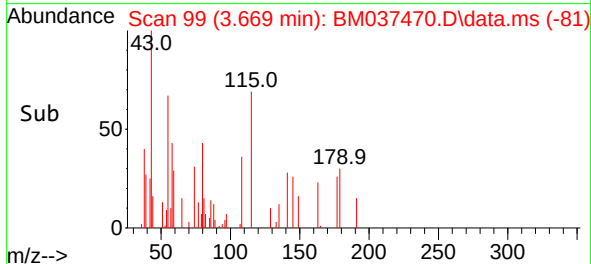
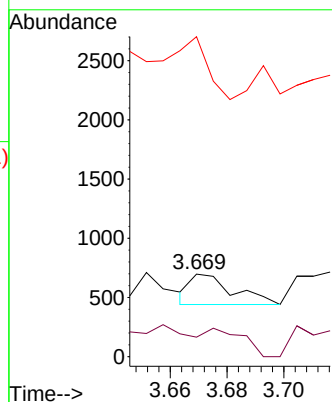
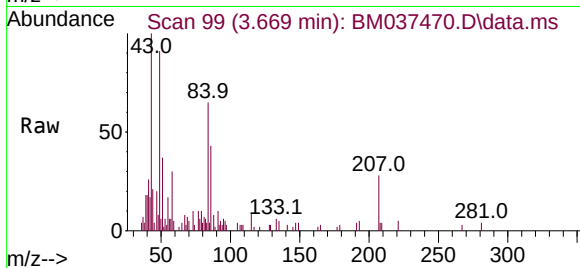




#3
Pyridine
Concen: 0.015 ng
RT: 3.669 min Scan# 99
Delta R.T. 0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

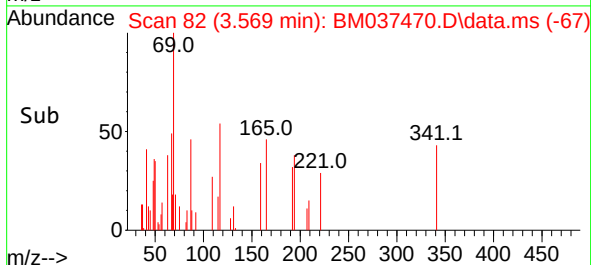
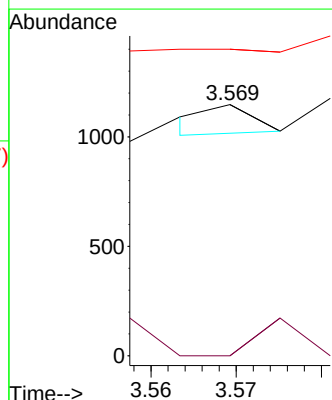
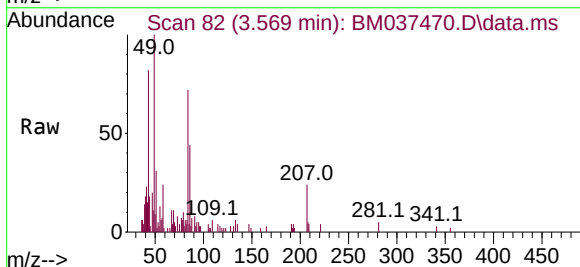
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BNA_M
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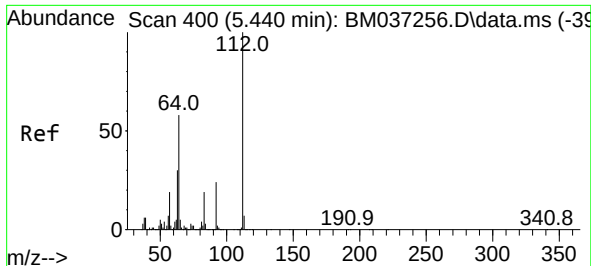
Tgt Ion: 79 Resp: 269
Ion Ratio Lower Upper
79 100
52 23.7 57.8 86.6#
51 387.9 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 0.006 ng
RT: 3.569 min Scan# 82
Delta R.T. -0.012 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion: 42 Resp: 49
Ion Ratio Lower Upper
42 100
74 0.0 106.2 159.2#
44 122.1 5.4 8.0#

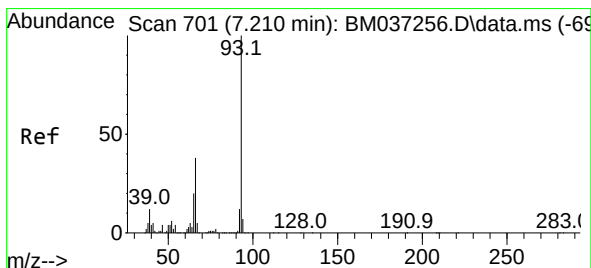
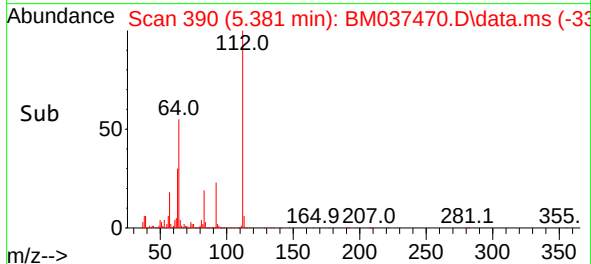
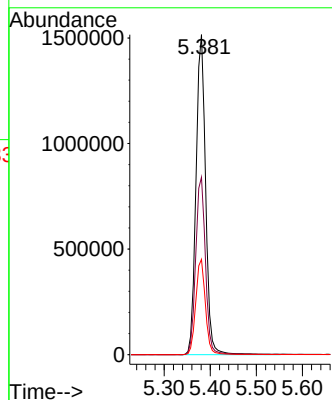
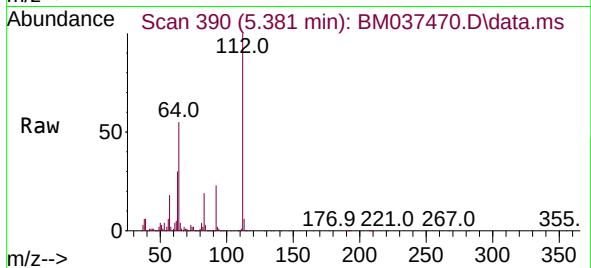




#5
2-Fluorophenol
Concen: 150.391 ng
RT: 5.381 min Scan# 39
Delta R.T. 0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

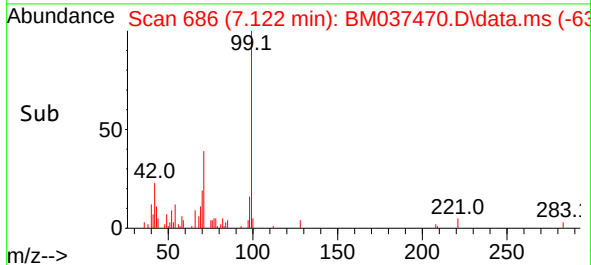
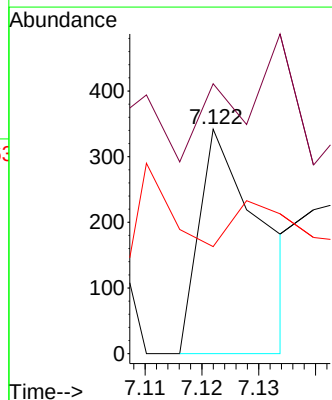
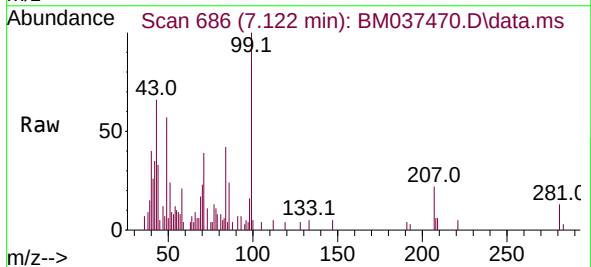
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PB148927TB

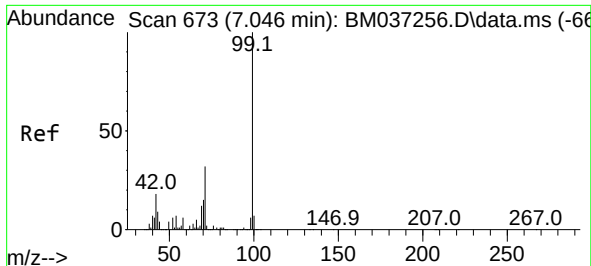
Tgt Ion:112 Resp: 2186251
Ion Ratio Lower Upper
112 100
64 55.4 46.8 70.2
63 29.8 24.4 36.6



#6
Aniline
Concen: 0.011 ng
RT: 7.122 min Scan# 686
Delta R.T. -0.023 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion: 93 Resp: 262
Ion Ratio Lower Upper
93 100
66 120.2 30.4 45.6#
65 47.7 16.2 24.2#

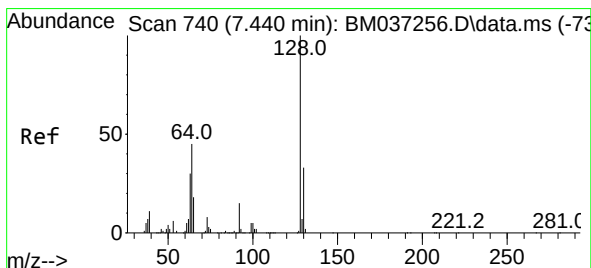
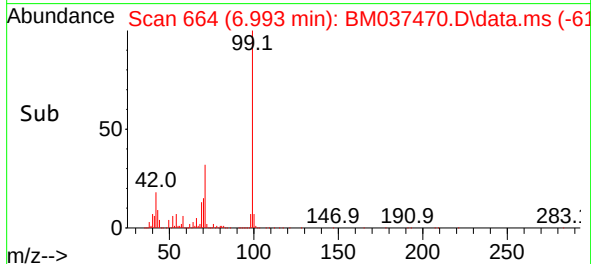
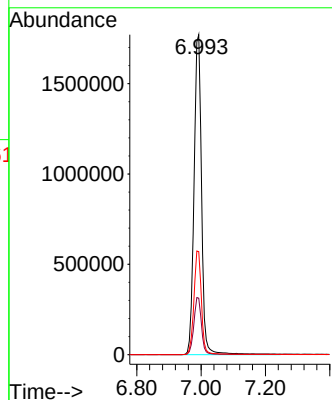
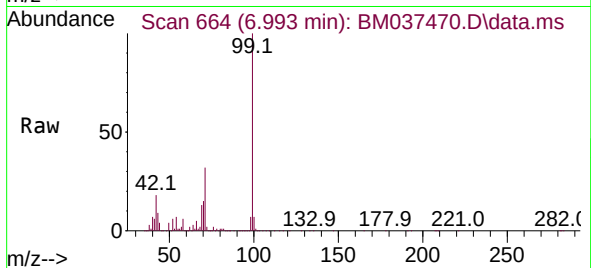




#7
Phenol-d6
Concen: 145.503 ng
RT: 6.993 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

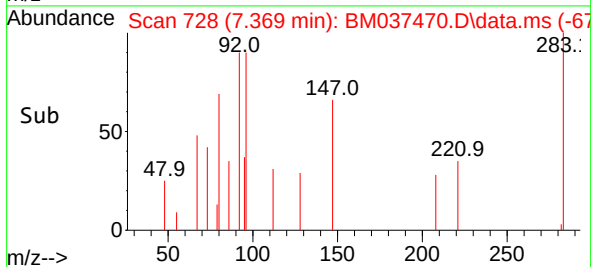
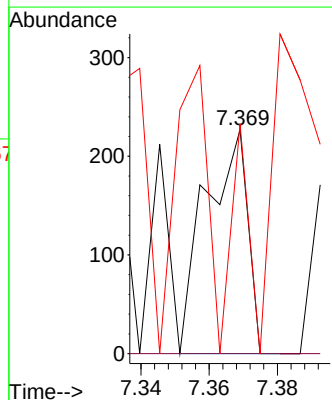
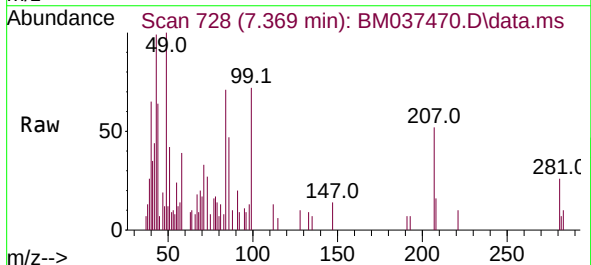
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ClientSampleId :
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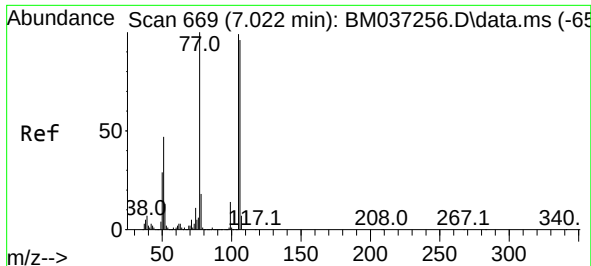
Tgt Ion: 99 Resp: 2870776
Ion Ratio Lower Upper
99 100
42 17.6 14.8 22.2
71 32.2 25.6 38.4



#8
2-Chlorophenol
Concen: 0.011 ng
RT: 7.369 min Scan# 728
Delta R.T. -0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion: 128 Resp: 194
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 102.6 26.4 66.4#





#9

Benzaldehyde

Concen: 0.478 ng

RT: 6.993 min Scan# 664

Delta R.T. 0.035 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

Instrument :

BNA_M

ClientSampleId :

PB148927TB

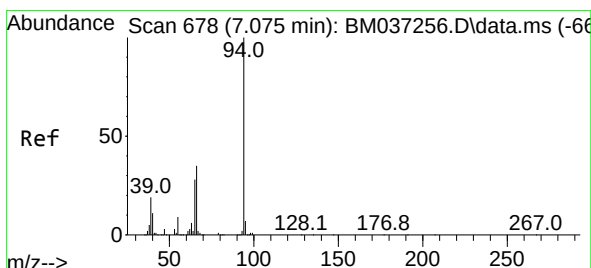
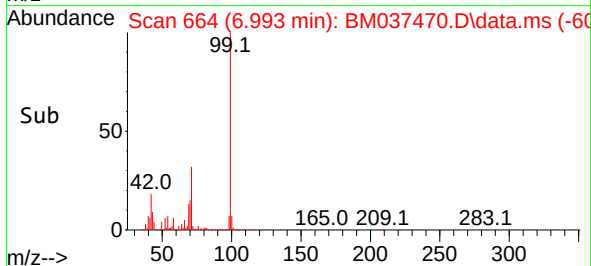
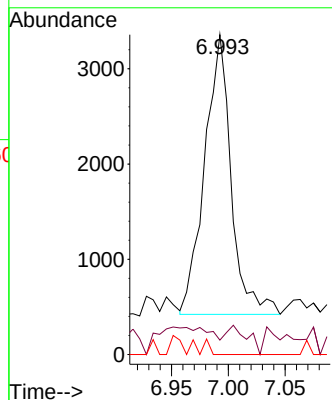
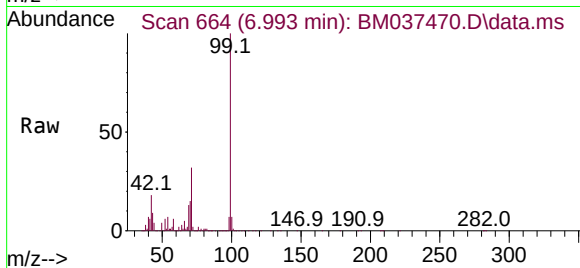
Tgt Ion: 77 Resp: 4771

Ion Ratio Lower Upper

77 100

105 4.5 78.6 118.6#

106 0.0 75.8 115.8#



#10

Phenol

Concen: 0.055 ng

RT: 6.993 min Scan# 664

Delta R.T. -0.023 min

Lab File: BM037470.D

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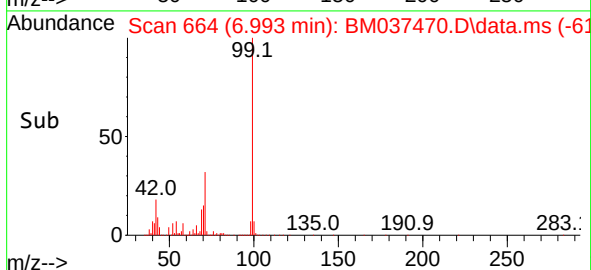
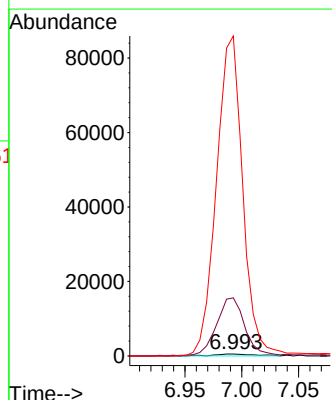
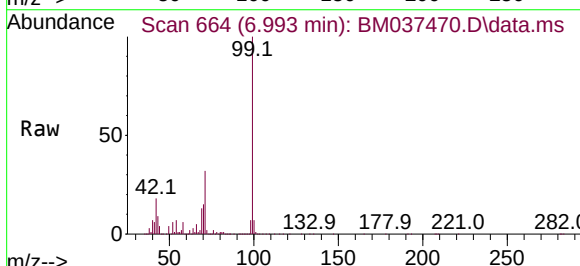
Tgt Ion: 94 Resp: 1210

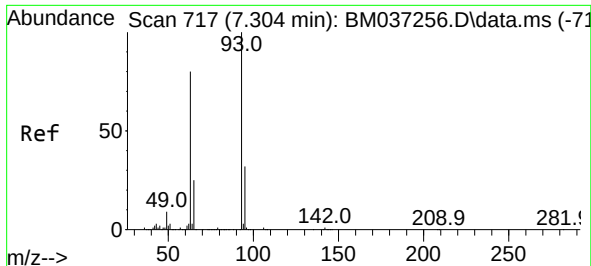
Ion Ratio Lower Upper

94 100

65 3075.1 8.1 48.1#

66 16954.6 15.5 55.5#

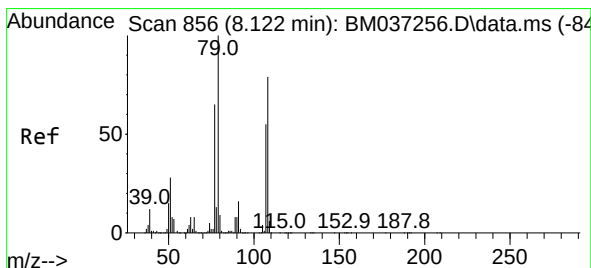
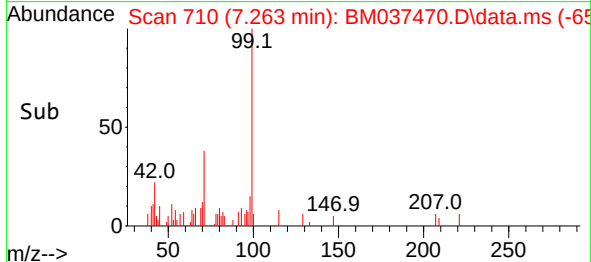
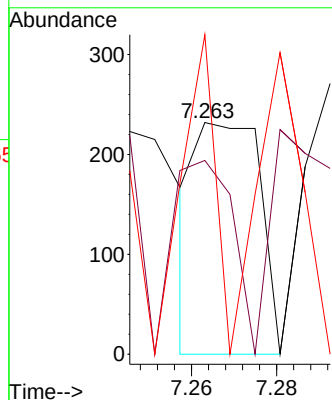
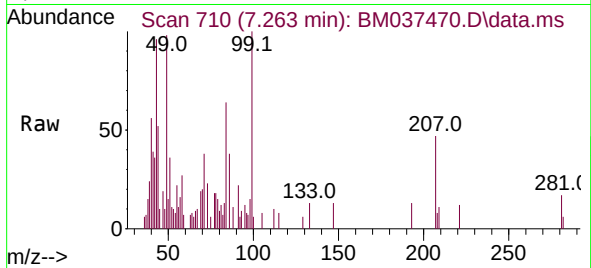




#11
bis(2-Chloroethyl)ether
Concen: 0.014 ng
RT: 7.263 min Scan# 71
Delta R.T. 0.024 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

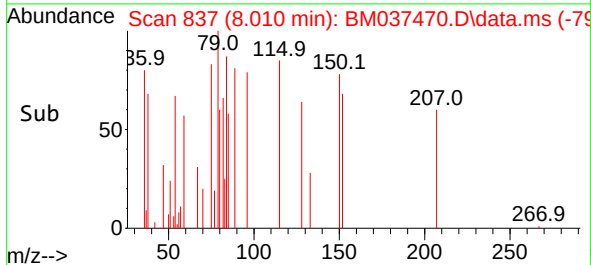
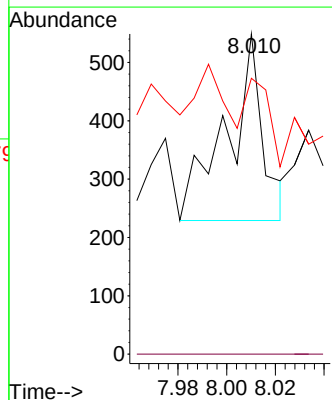
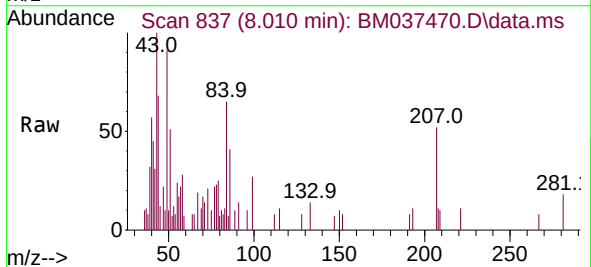
Instrument :
BNA_M
ClientSampleId :
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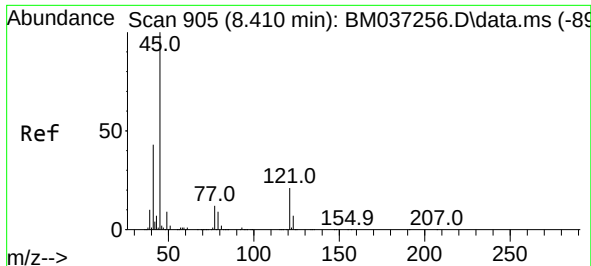
Tgt Ion: 93 Resp: 241
Ion Ratio Lower Upper
93 100
63 83.6 59.3 99.3
95 137.9 12.0 52.0#



#15
Benzyl Alcohol
Concen: 0.023 ng
RT: 8.010 min Scan# 837
Delta R.T. -0.053 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion: 79 Resp: 330
Ion Ratio Lower Upper
79 100
108 0.0 63.1 94.7#
77 86.2 51.7 77.5#

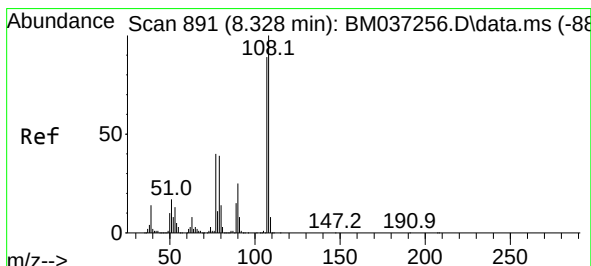
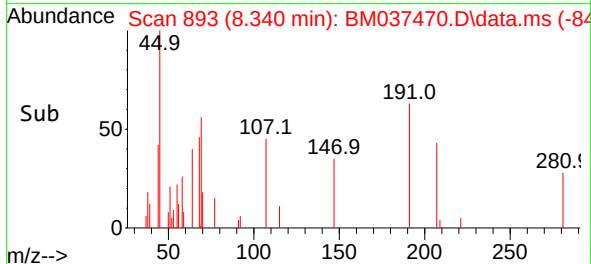
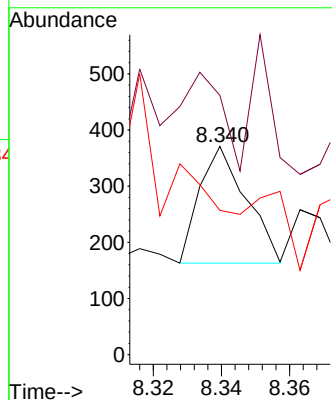
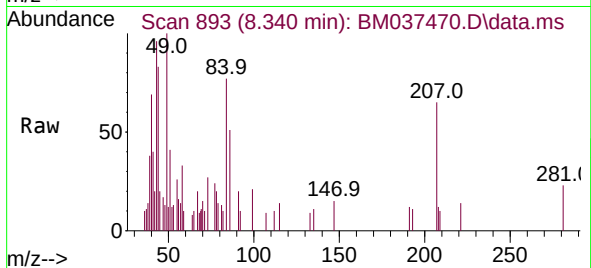




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.008 ng
RT: 8.340 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

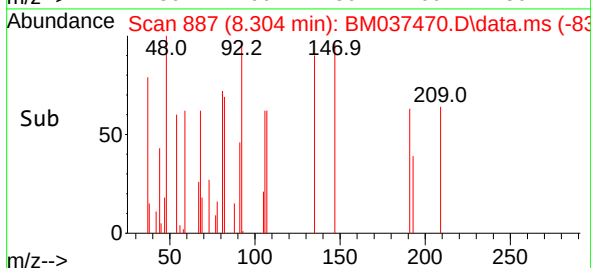
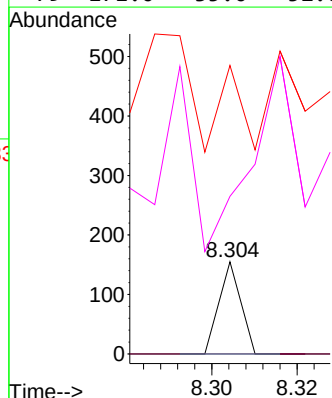
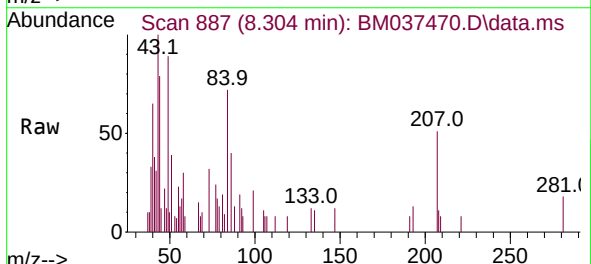
Instrument :
BNA_M
ClientSampleId :
PB148927TB

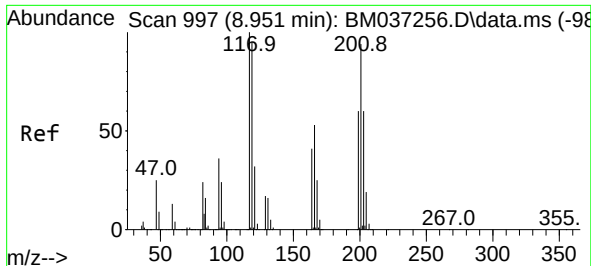
Tgt Ion: 45 Resp: 197
Ion Ratio Lower Upper
45 100
77 124.5 0.0 34.0#
79 69.3 0.0 30.6#



#17
2-Methylphenol
Concen: 0.004 ng
RT: 8.304 min Scan# 887
Delta R.T. 0.035 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion: 107 Resp: 55
Ion Ratio Lower Upper
107 100
108 0.0 89.5 134.3#
77 312.9 36.2 54.2#
79 171.0 35.0 52.6#

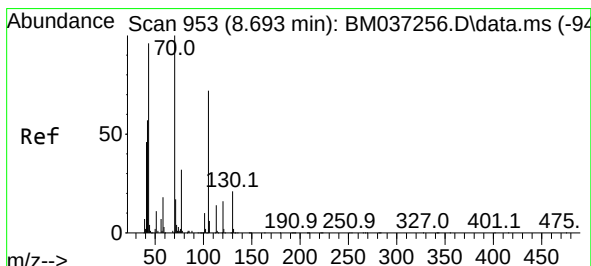
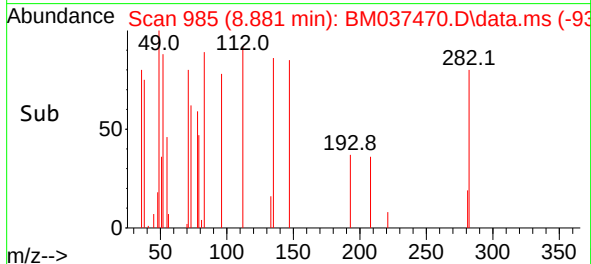
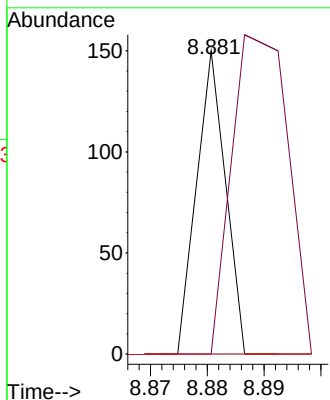
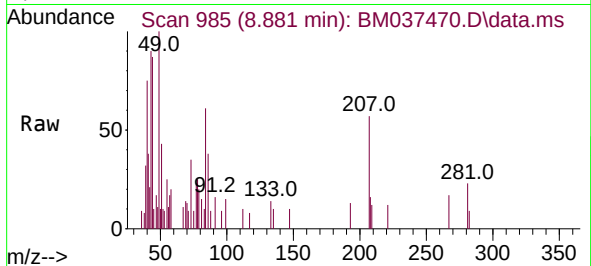




#18
Hexachloroethane
Concen: 0.008 ng
RT: 8.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

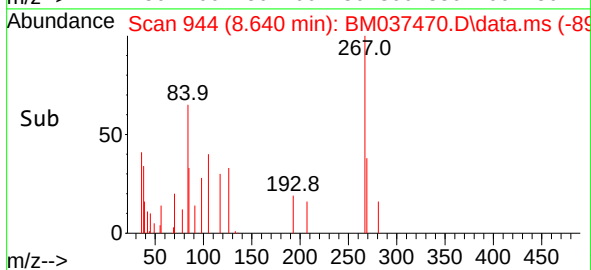
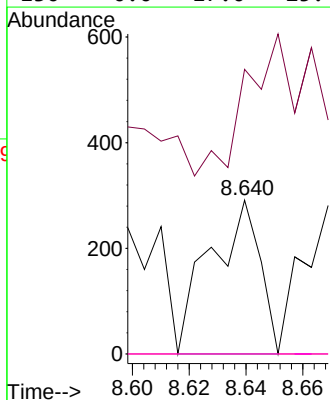
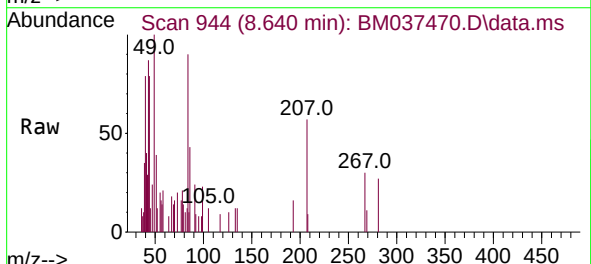
Instrument :
BNA_M
ClientSampleId :
PB148927TB

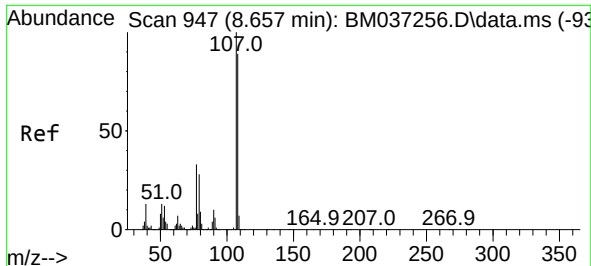
Tgt Ion:117 Resp: 53
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
201 0.0 75.0 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 0.099 ng
RT: 8.640 min Scan# 944
Delta R.T. 0.012 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion: 70 Resp: 355
Ion Ratio Lower Upper
70 100
42 185.2 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 17.0 25.4#

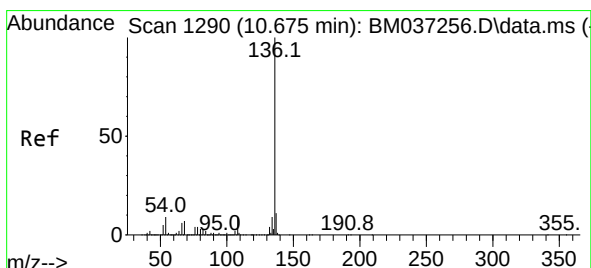
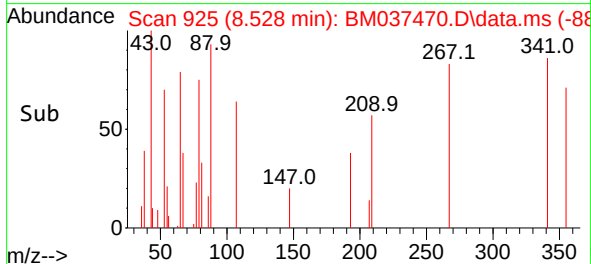
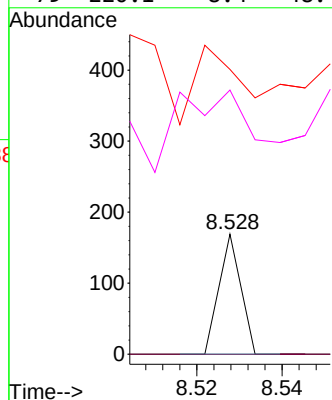
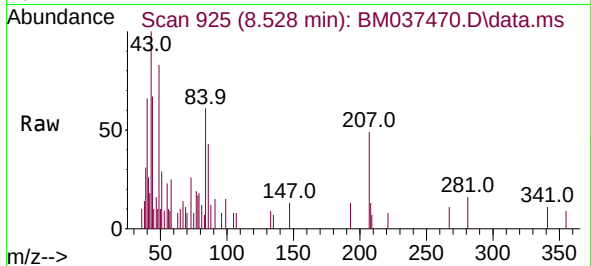




#20
3+4-Methylphenols
Concen: 0.003 ng
RT: 8.528 min Scan# 91
Delta R.T. -0.070 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

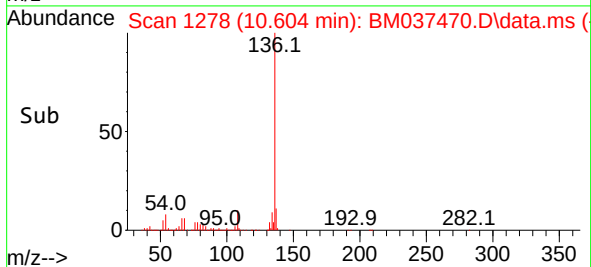
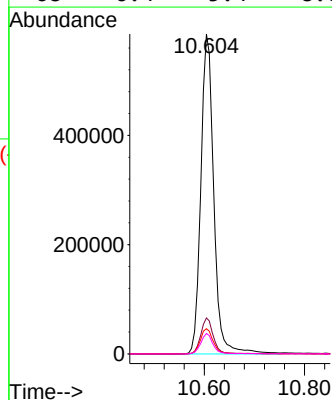
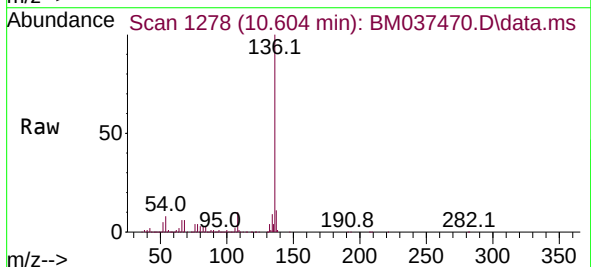
Instrument :
BNA_M
ClientSampleId :
PB148927TB

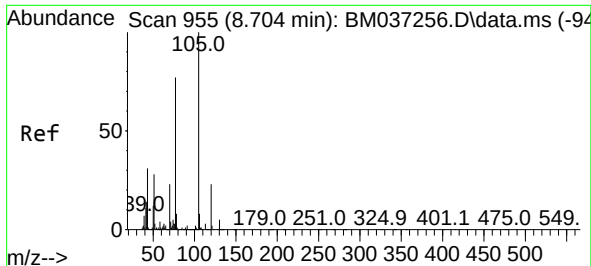
Tgt Ion:107 Resp: 60
Ion Ratio Lower Upper
107 100
108 0.0 69.4 109.4#
77 237.3 12.8 52.8#
79 220.1 8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion:136 Resp: 1047705
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.9 7.0 10.4
68 6.4 5.4 8.0

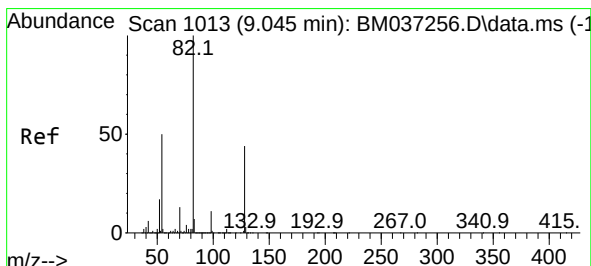
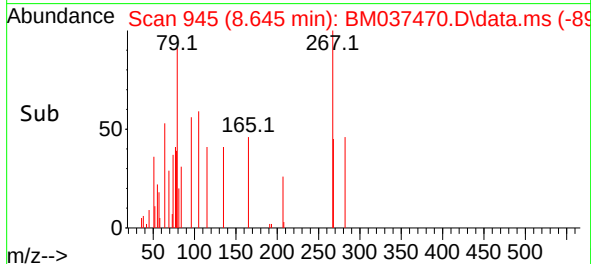
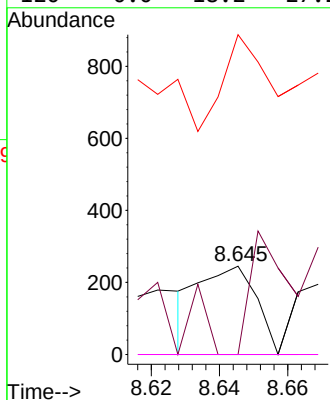
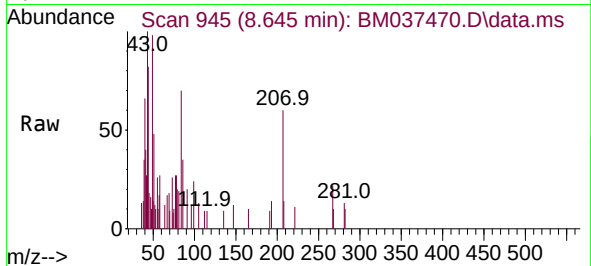




#22
Acetophenone
Concen: 0.011 ng
RT: 8.645 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

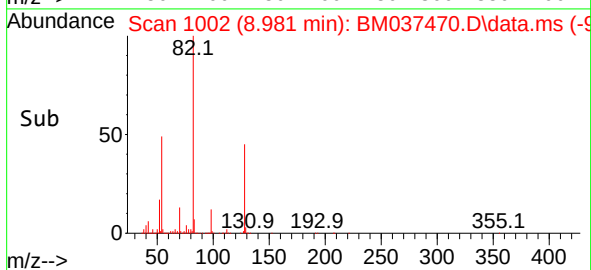
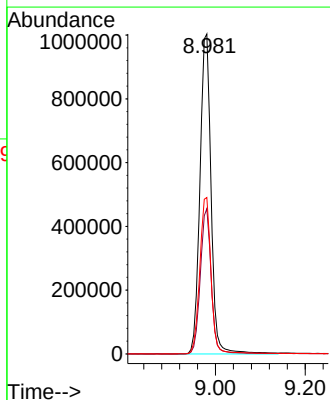
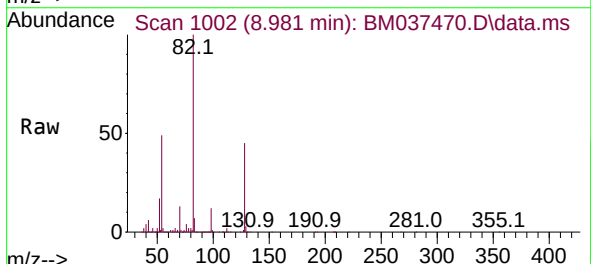
Instrument :
BNA_M
ClientSampleId :
PB148927TB

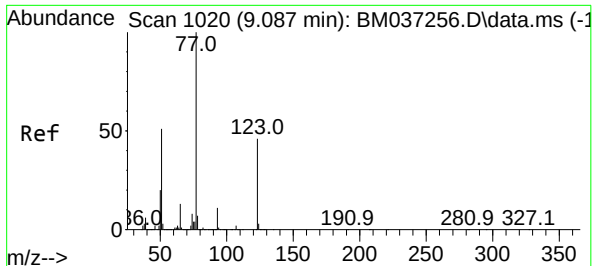
Tgt Ion:	105	Resp:	289
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.0	4.4#
51	362.4	22.1	33.1#
120	0.0	18.2	27.2#



#23
Nitrobenzene-d5
Concen: 83.314 ng
RT: 8.981 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion:	82	Resp:	1730117
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.2	52.8
54	48.9	40.4	60.6

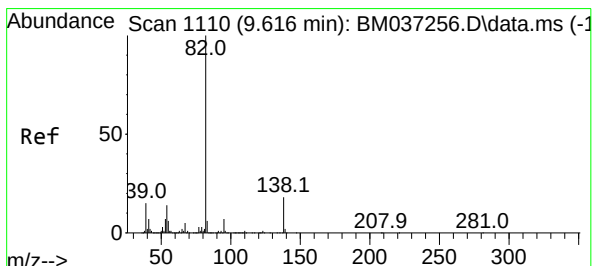
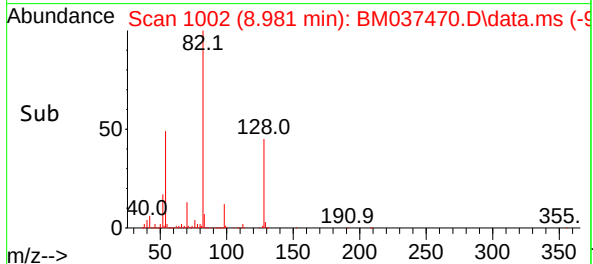
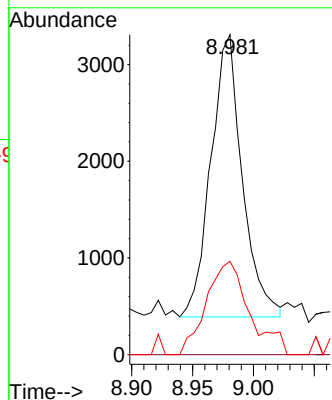
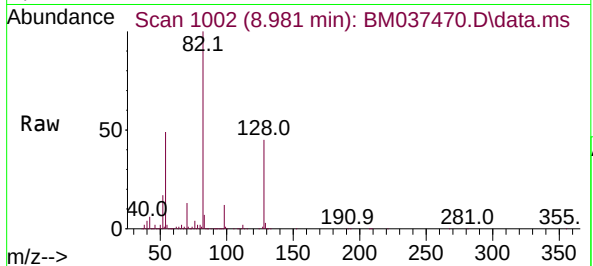




#24
Nitrobenzene
Concen: 0.249 ng
RT: 8.981 min Scan# 10
Delta R.T. -0.041 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

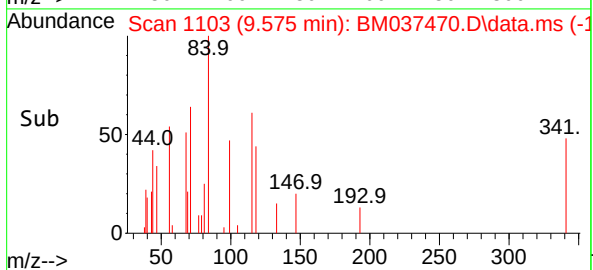
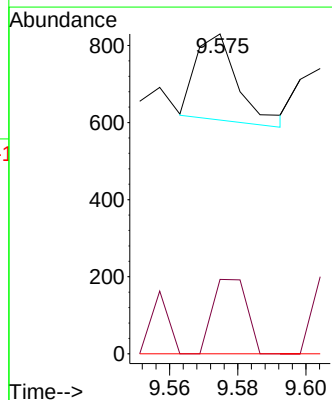
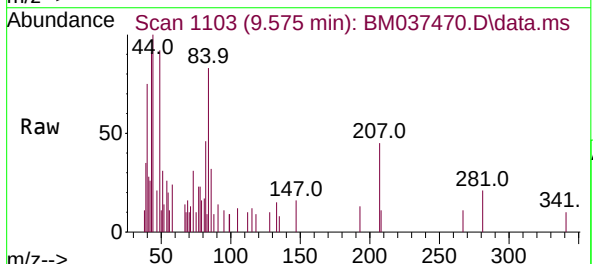
Instrument :
BNA_M
ClientSampleId :
PB148927TB

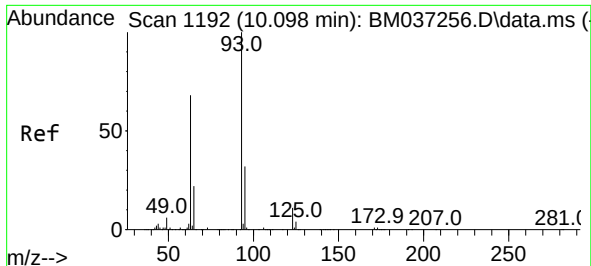
Tgt Ion: 77 Resp: 5240
Ion Ratio Lower Upper
77 100
123 0.0 36.6 55.0#
65 29.1 10.6 16.0#



#25
Isophorone
Concen: 0.005 ng
RT: 9.575 min Scan# 1103
Delta R.T. 0.024 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion: 82 Resp: 186
Ion Ratio Lower Upper
82 100
95 23.3 5.4 8.0#
138 0.0 14.2 21.4#

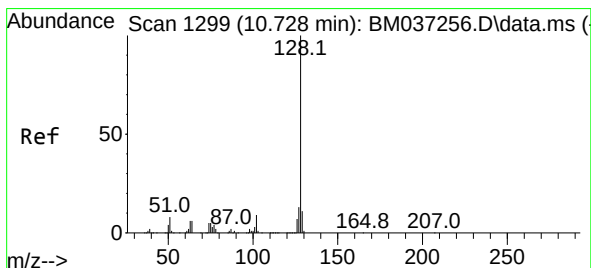
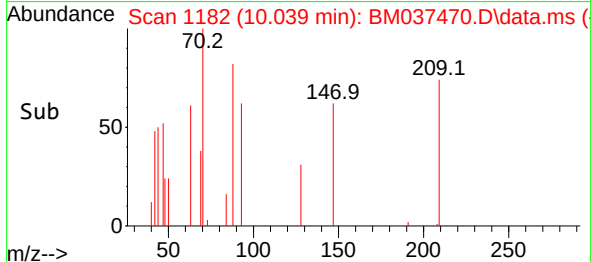
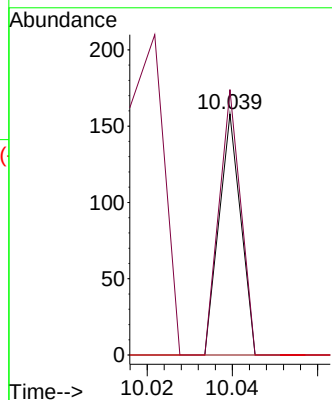
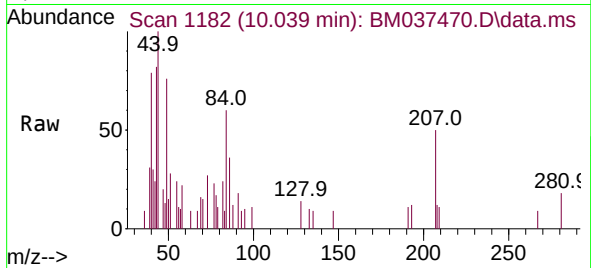




#28
bis(2-Chloroethoxy)methane
Concen: 0.003 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

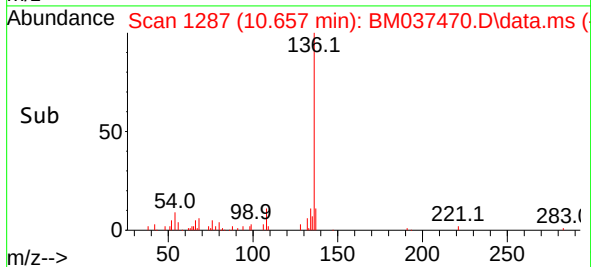
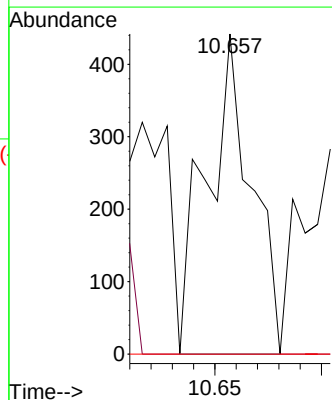
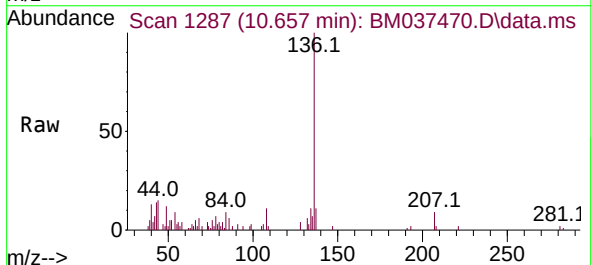
Instrument :
BNA_M
ClientSampleId :
PB148927TB

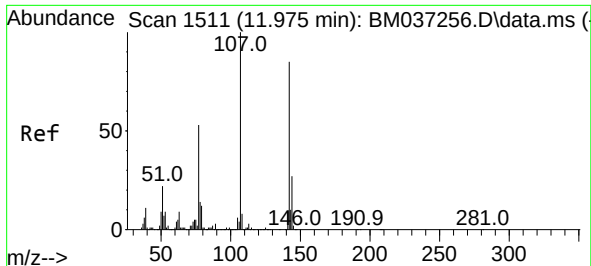
Tgt Ion: 93 Resp: 56
Ion Ratio Lower Upper
93 100
95 110.1 25.8 38.8#
123 0.0 9.3 13.9#



#31
Naphthalene
Concen: 0.011 ng
RT: 10.657 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion: 128 Resp: 645
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.2 15.2#

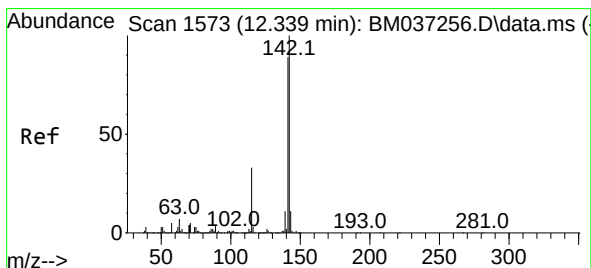
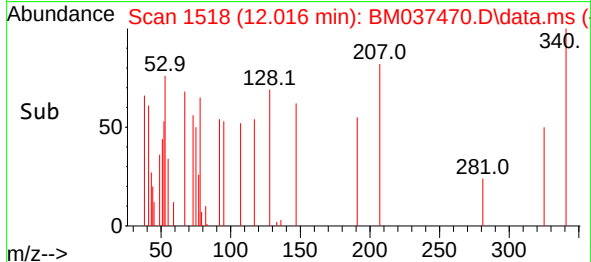
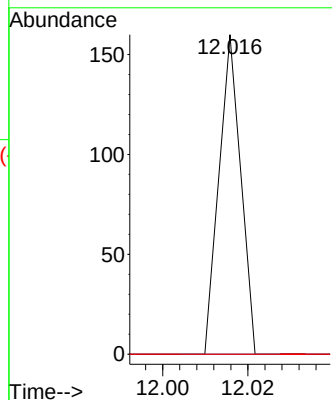
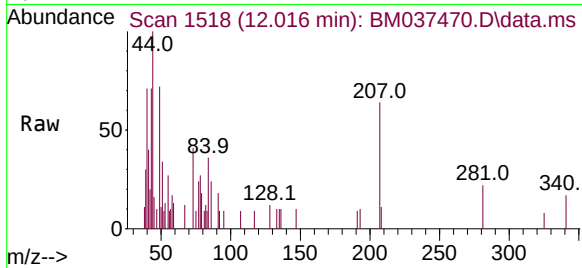




#36
4-Chloro-3-methylphenol
Concen: 0.003 ng
RT: 12.016 min Scan# 11
Delta R.T. 0.094 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

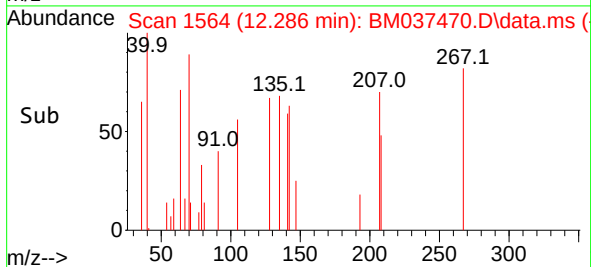
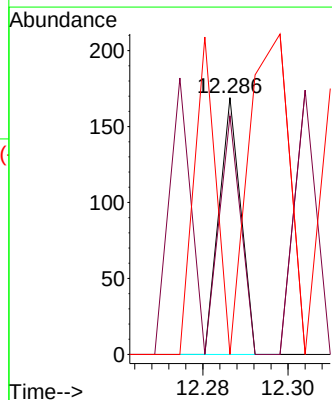
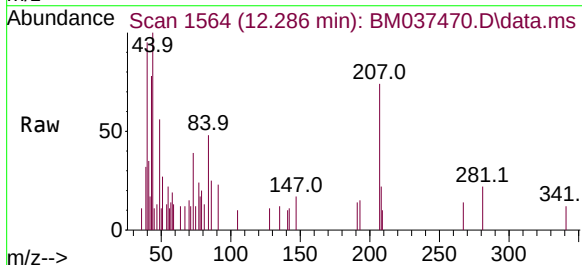
Instrument :
BNA_M
ClientSampleId :
PB148927TB

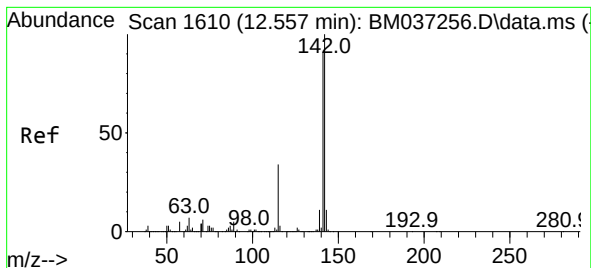
Tgt Ion:107 Resp: 56
Ion Ratio Lower Upper
107 100
144 0.0 21.8 32.6#
142 0.0 68.1 102.1#



#37
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.286 min Scan# 1564
Delta R.T. 0.012 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
141 92.9 71.3 106.9
115 0.0 26.0 39.0#





#38

1-Methylnaphthalene

Concen: 0.002 ng

RT: 12.504 min Scan# 1601

Delta R.T. 0.012 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

Instrument :

BNA_M

ClientSampleId :

PB148927TB

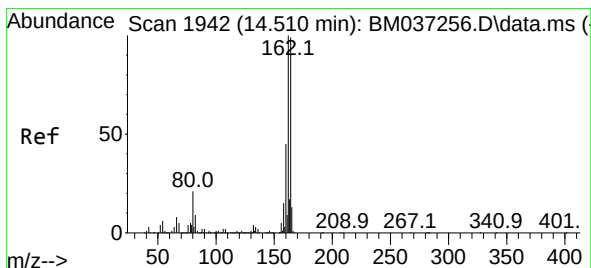
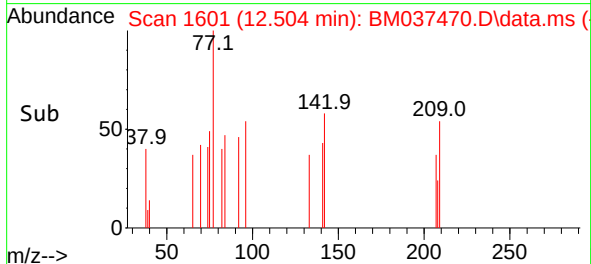
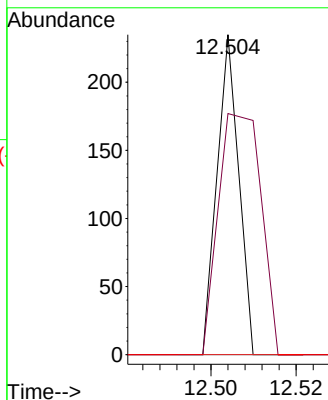
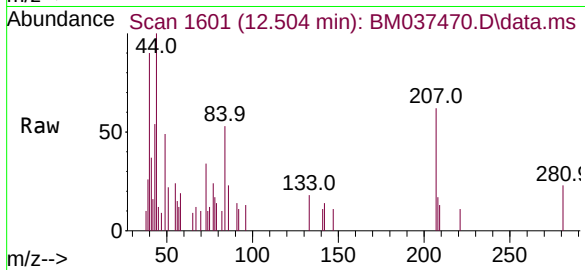
Tgt Ion:142 Resp: 83

Ion Ratio Lower Upper

142 100

141 75.3 73.0 109.6

116 0.0 2.8 4.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

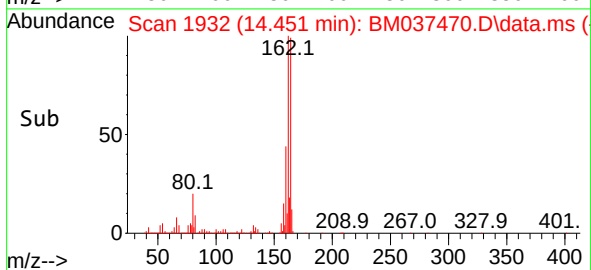
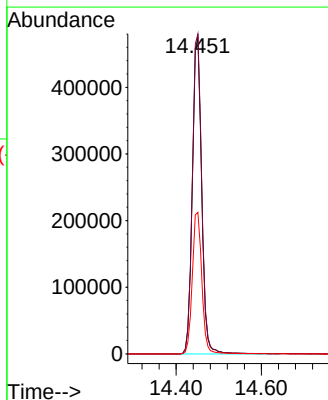
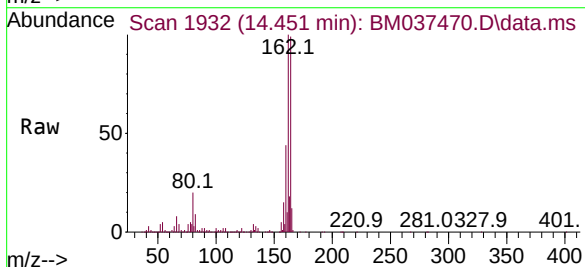
Tgt Ion:164 Resp: 719948

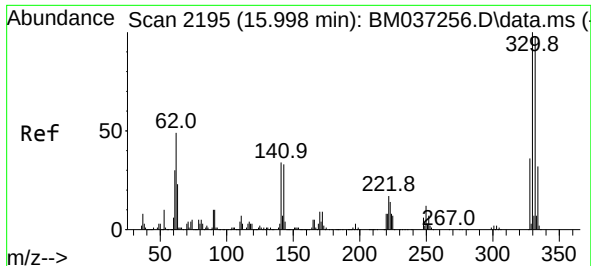
Ion Ratio Lower Upper

164 100

162 101.1 80.6 120.8

160 44.7 36.2 54.4

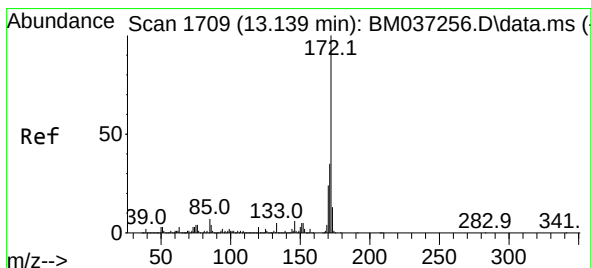
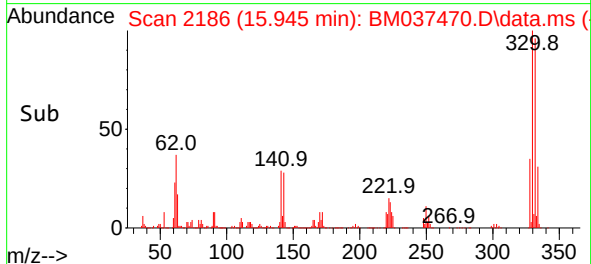
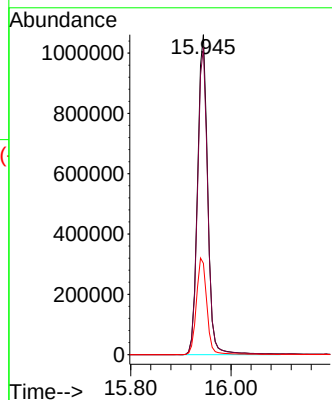
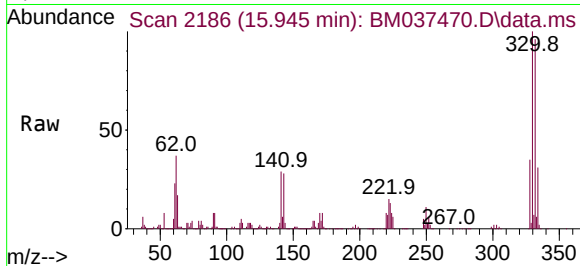




#42
2,4,6-Tribromophenol
Concen: 175.621 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

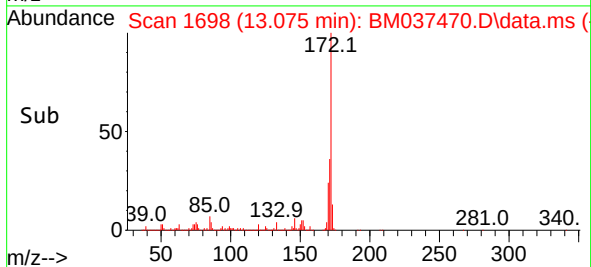
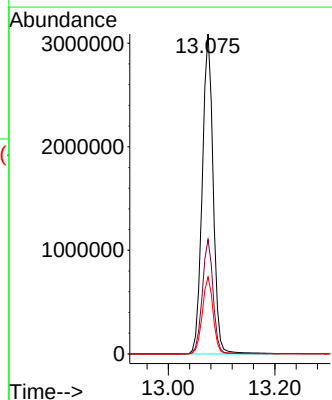
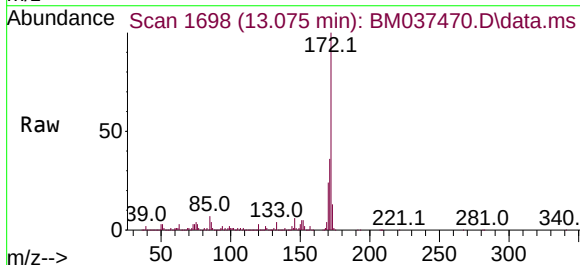
Instrument :
BNA_M
ClientSampleId :
PB148927TB

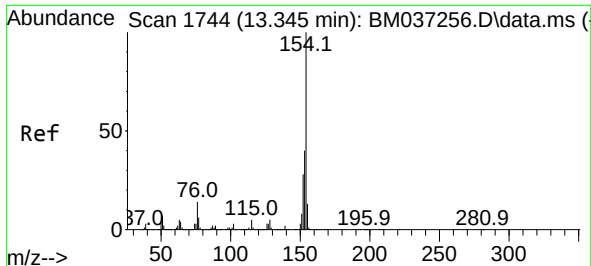
Tgt Ion:330 Resp: 1490028
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 31.1 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 81.057 ng
RT: 13.075 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion:172 Resp: 4392023
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 24.0 19.0 28.4

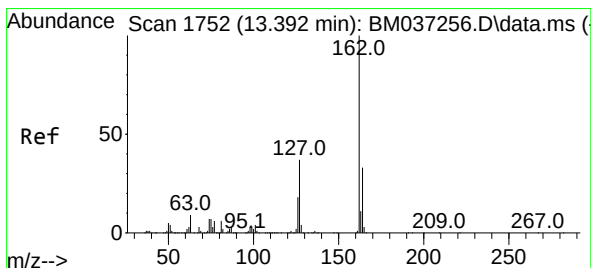
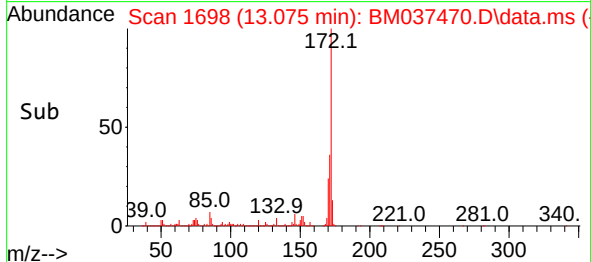
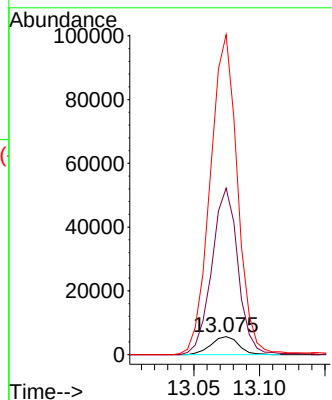
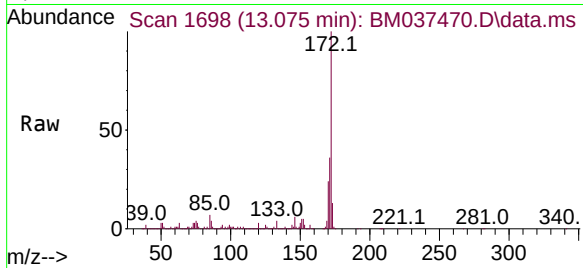




#46
1,1'-Biphenyl
Concen: 0.143 ng
RT: 13.075 min Scan# 11
Delta R.T. -0.212 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

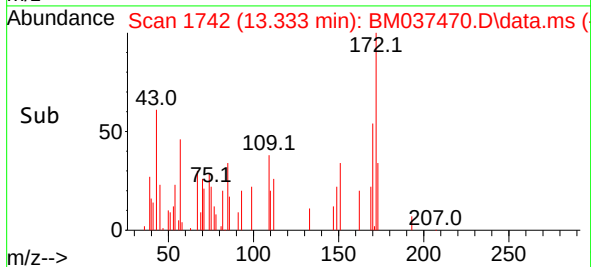
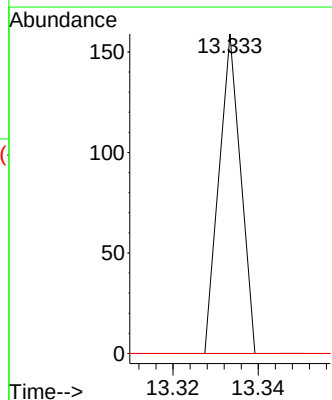
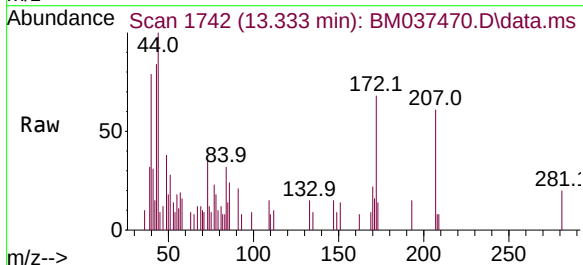
Instrument :
BNA_M
ClientSampleId :
PB148927TB

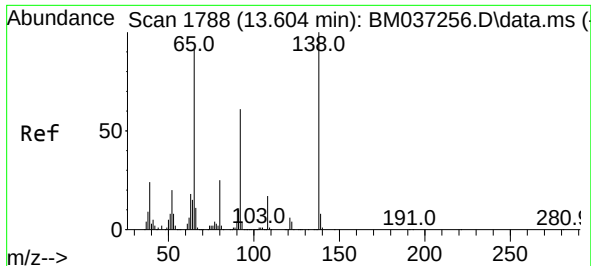
Tgt Ion:154 Resp: 8294
Ion Ratio Lower Upper
154 100
153 926.6 20.3 60.3#
76 1780.9 0.0 33.7#



#47
2-Chloronaphthalene
Concen: 0.001 ng
RT: 13.333 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion:162 Resp: 56
Ion Ratio Lower Upper
162 100
127 0.0 29.5 44.3#
164 0.0 26.3 39.5#

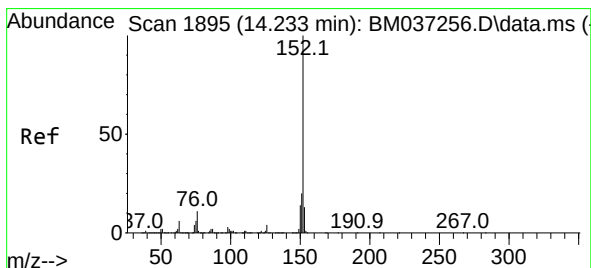
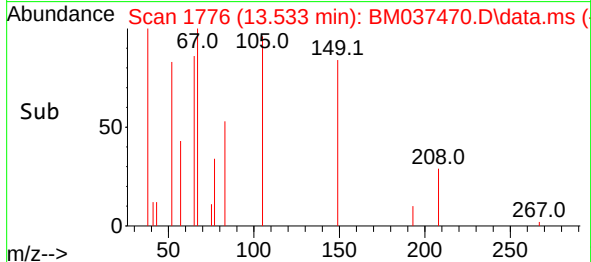
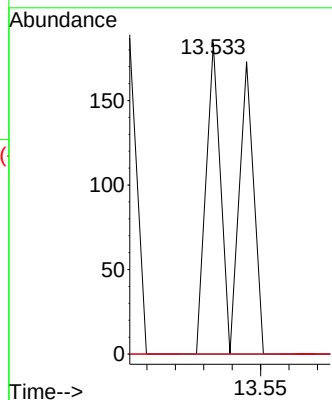
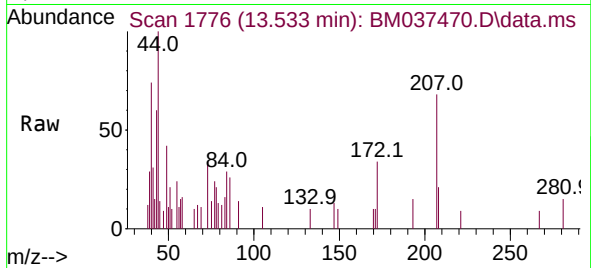




#48
2-Nitroaniline
Concen: 0.009 ng
RT: 13.533 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

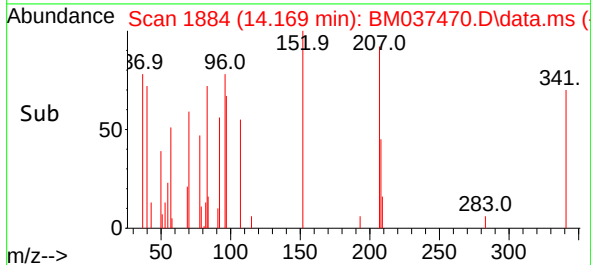
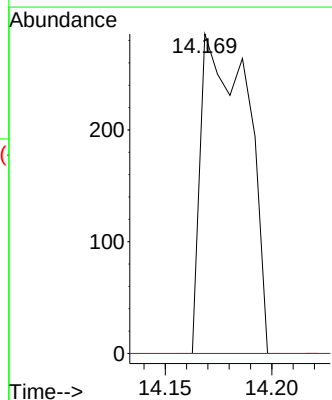
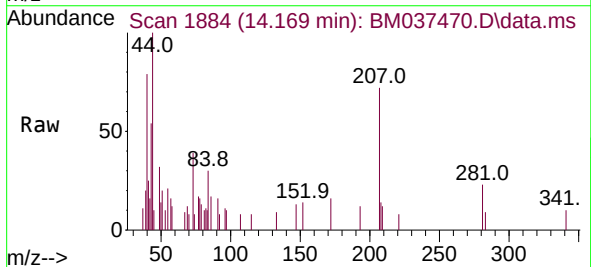
Instrument :
BNA_M
ClientSampleId :
PB148927TB

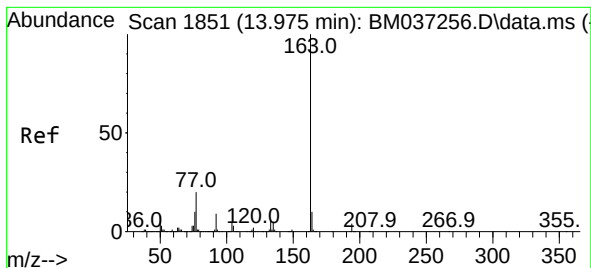
Tgt Ion: 65 Resp: 126
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 87.4 131.2#



#49
Acenaphthylene
Concen: 0.006 ng
RT: 14.169 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion: 152 Resp: 432
Ion Ratio Lower Upper
152 100
151 0.0 16.0 24.0#
153 0.0 10.6 15.8#





#50

Dimethylphthalate

Concen: 0.003 ng

RT: 13.933 min Scan# 1844

Delta R.T. 0.006 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

Instrument :

BNA_M

ClientSampleId :

PB148927TB

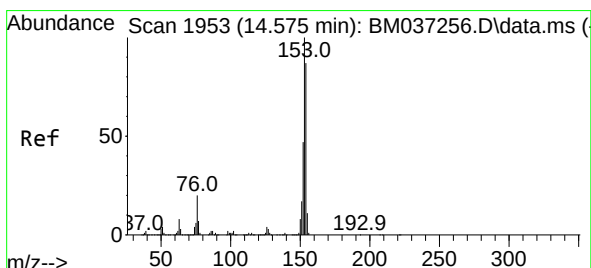
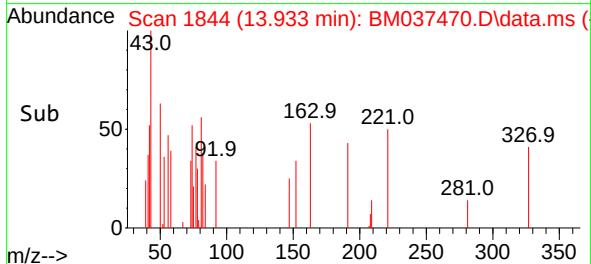
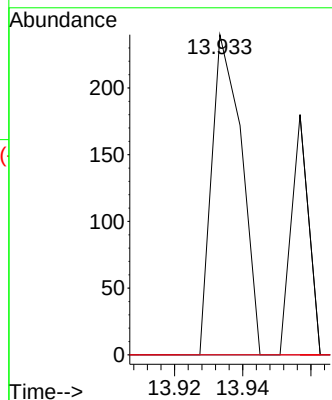
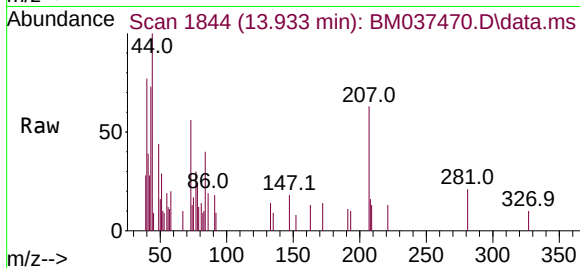
Tgt Ion:163 Resp: 145

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 0.0 8.2 12.2#



#52

Acenaphthene

Concen: 0.007 ng

RT: 14.504 min Scan# 1941

Delta R.T. -0.012 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

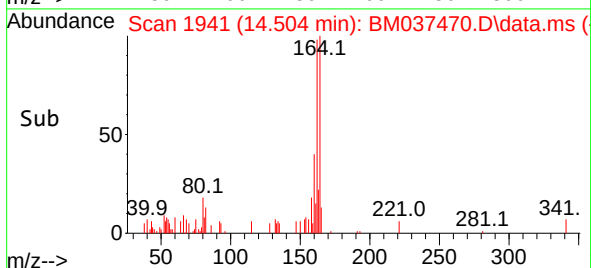
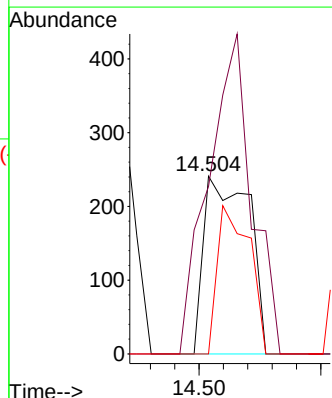
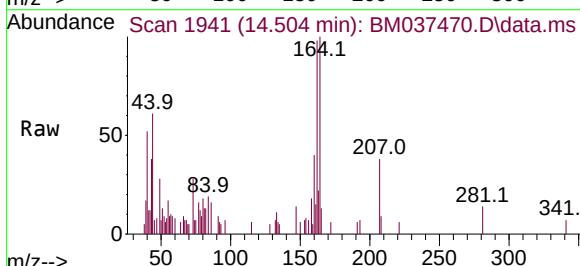
Tgt Ion:154 Resp: 312

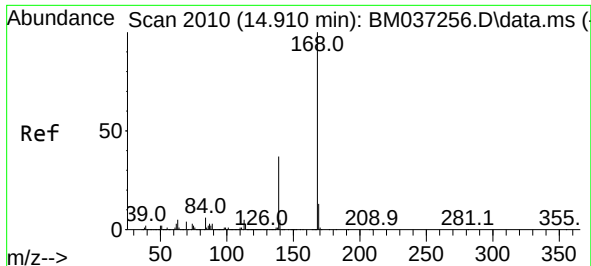
Ion Ratio Lower Upper

154 100

153 94.2 91.5 137.3

152 0.0 43.0 64.6#

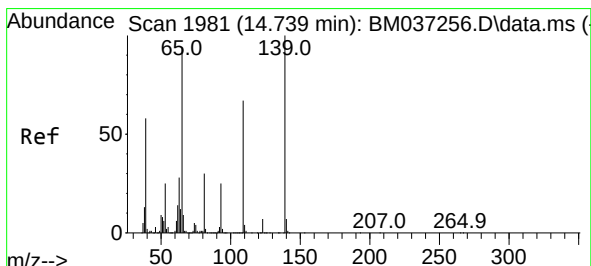
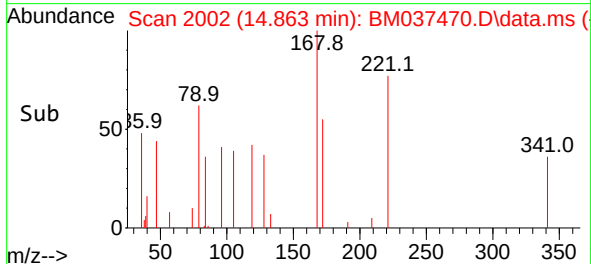
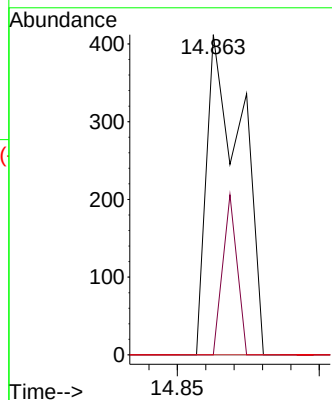
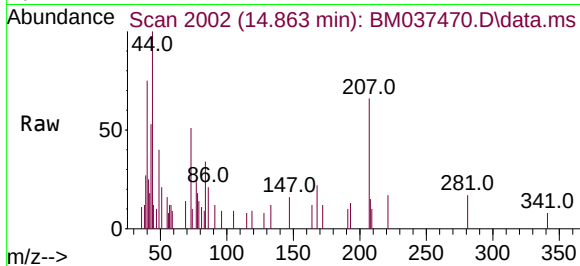




#55
Dibenzenofuran
Concen: 0.005 ng
RT: 14.863 min Scan# 20
Delta R.T. 0.012 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

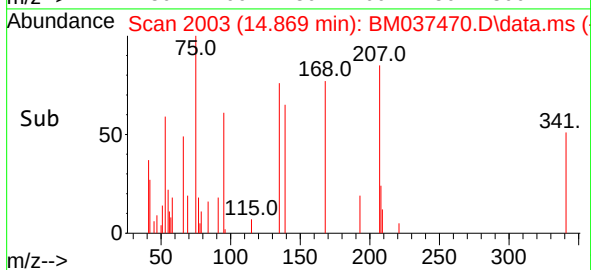
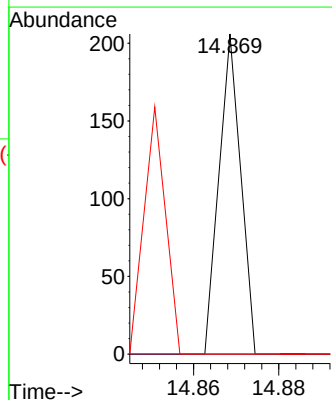
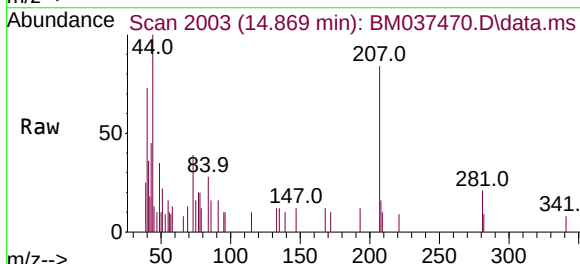
Instrument :
BNA_M
ClientSampleId :
PB148927TB

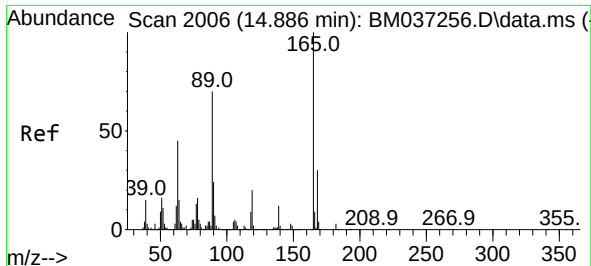
Tgt Ion:168 Resp: 351
Ion Ratio Lower Upper
168 100
139 0.0 29.3 43.9#
169 0.0 10.6 16.0#



#56
4-Nitrophenol
Concen: 0.007 ng
RT: 14.869 min Scan# 2003
Delta R.T. 0.165 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion:139 Resp: 73
Ion Ratio Lower Upper
139 100
109 0.0 47.4 87.4#
65 0.0 73.8 113.8#

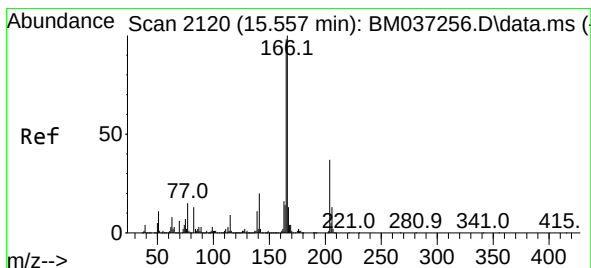
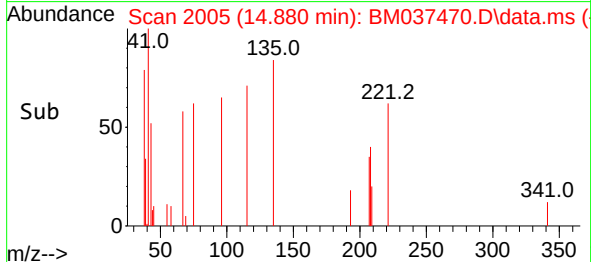
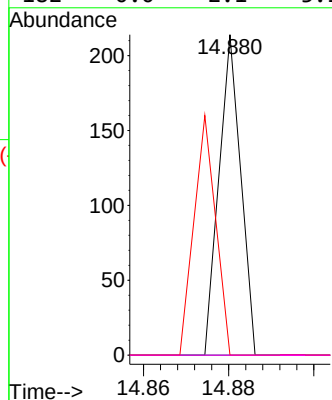
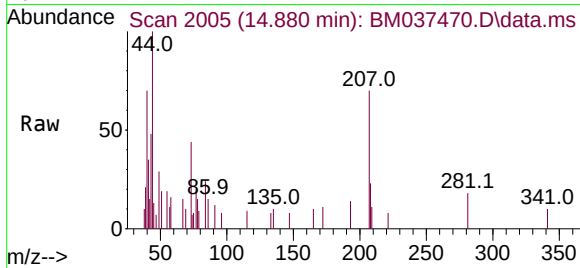




#57
2,4-Dinitrotoluene
Concen: 0.005 ng
RT: 14.880 min Scan# 20
Delta R.T. 0.041 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

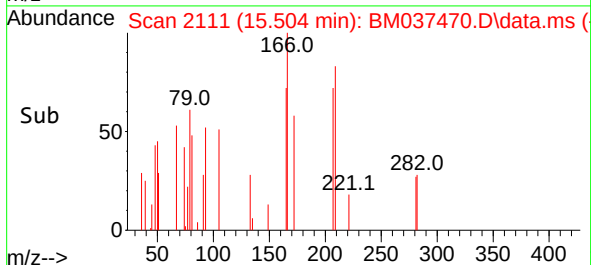
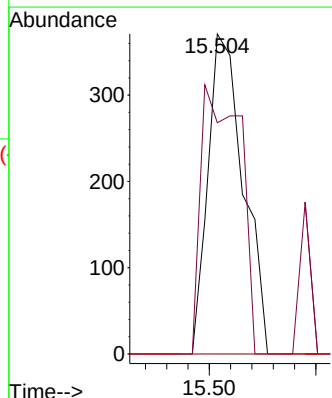
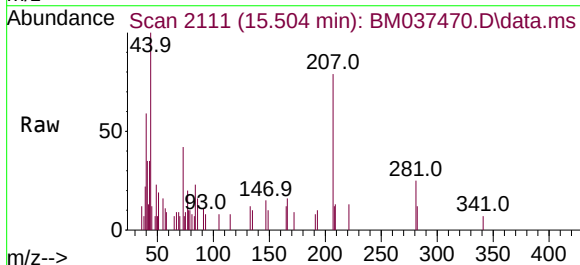
Instrument :
BNA_M
ClientSampleId :
PB148927TB

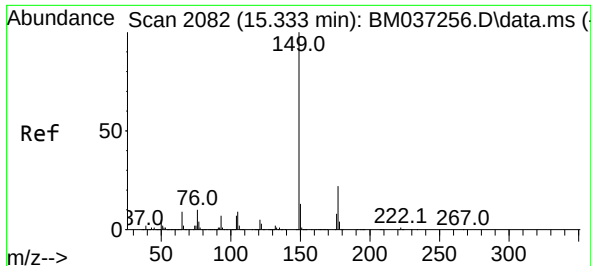
Tgt Ion:165 Resp: 76
Ion Ratio Lower Upper
165 100
63 0.0 36.3 54.5#
89 0.0 56.3 84.5#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 0.008 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion:166 Resp: 428
Ion Ratio Lower Upper
166 100
165 72.2 78.2 117.4#
167 0.0 10.6 15.8#

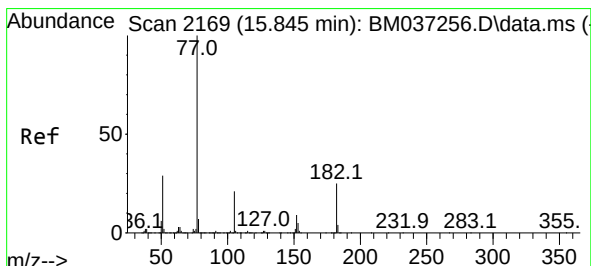
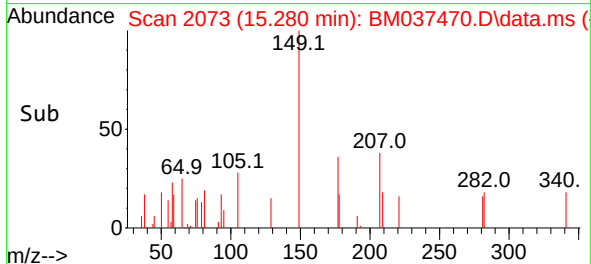
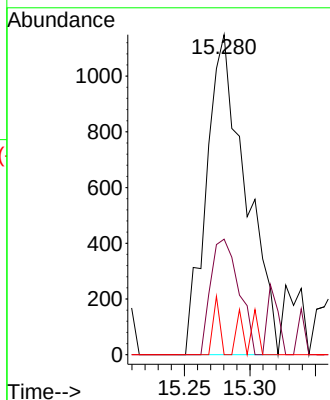
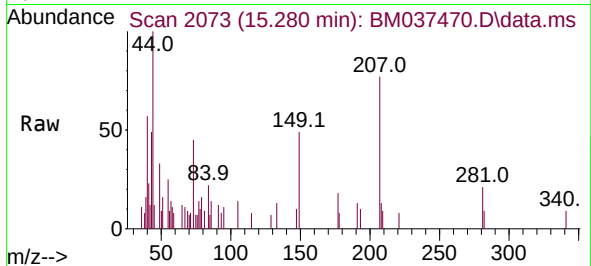




#60
Diethylphthalate
Concen: 0.045 ng
RT: 15.280 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

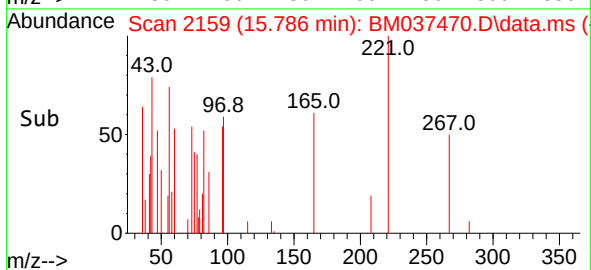
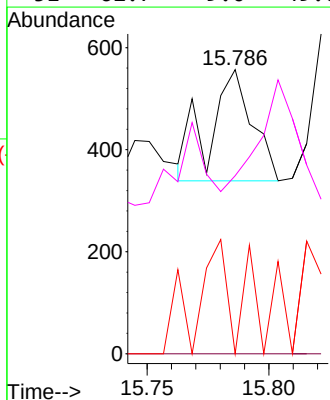
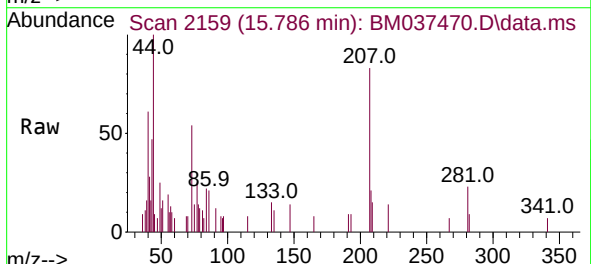
Instrument :
BNA_M
ClientSampleId :
PB148927TB

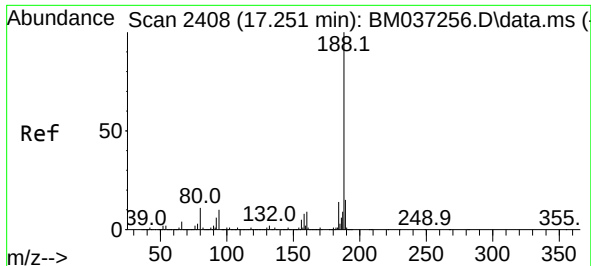
Tgt Ion:149 Resp: 2395
Ion Ratio Lower Upper
149 100
177 36.1 17.4 26.0#
150 0.0 10.0 15.0#



#63
Azobenzene
Concen: 0.005 ng
RT: 15.786 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion: 77 Resp: 269
Ion Ratio Lower Upper
77 100
182 0.0 5.1 45.1#
105 0.0 0.5 40.5#
51 62.7 9.0 49.0#

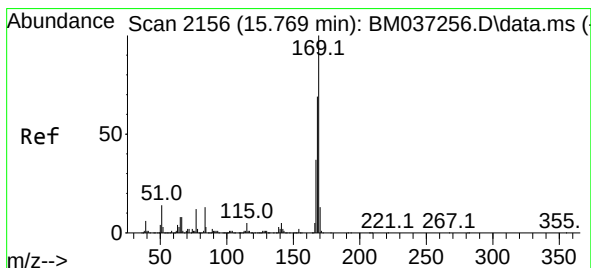
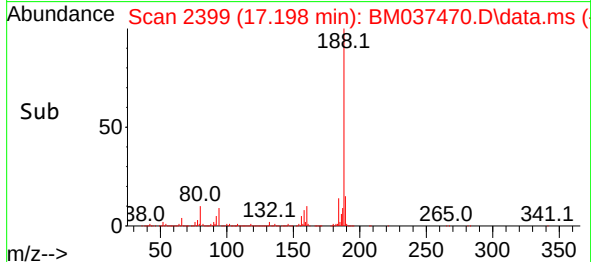
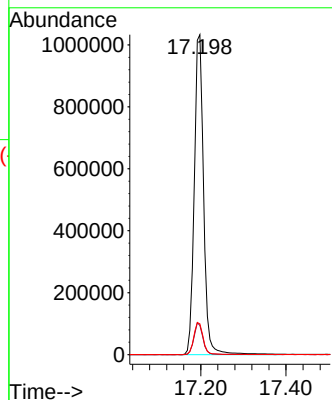
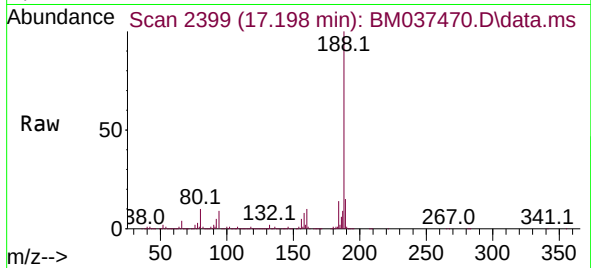




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

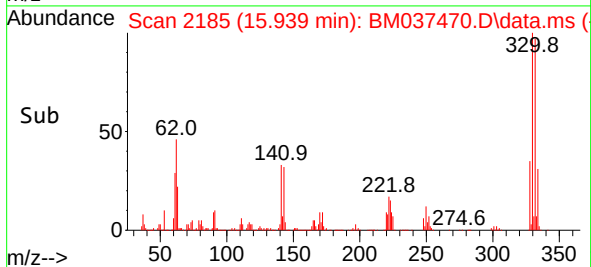
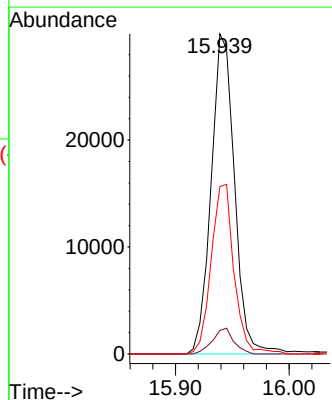
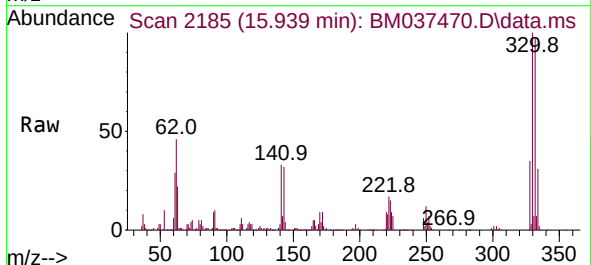
Instrument :
BNA_M
ClientSampleId :
PB148927TB

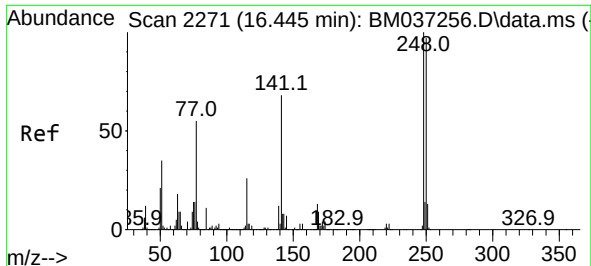
Tgt Ion:188 Resp: 1569172
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.6 8.5 12.7



#66
n-Nitrosodiphenylamine
Concen: 0.807 ng
RT: 15.939 min Scan# 2185
Delta R.T. 0.224 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion:169 Resp: 42790
Ion Ratio Lower Upper
169 100
168 7.3 54.8 82.2#
167 59.6 29.5 44.3#

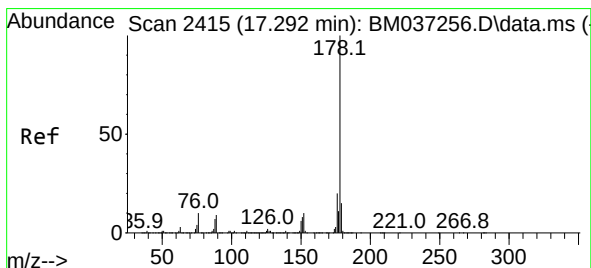
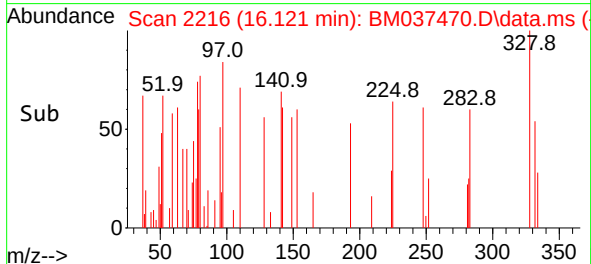
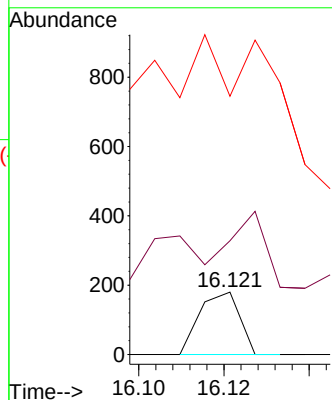
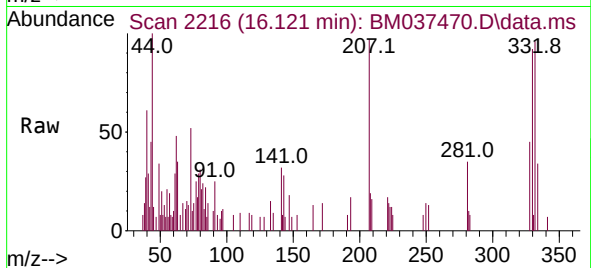




#67
4-Bromophenyl-phenylether
Concen: 0.007 ng
RT: 16.121 min Scan# 211
Delta R.T. -0.270 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

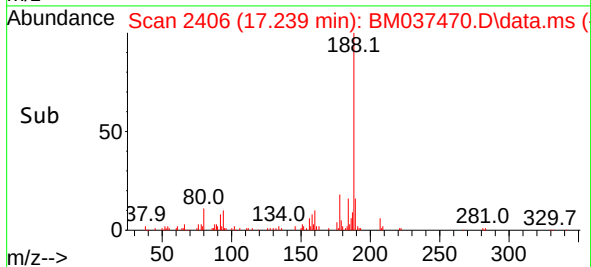
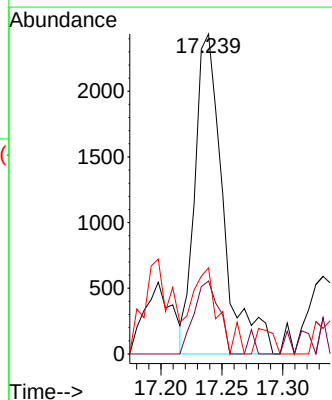
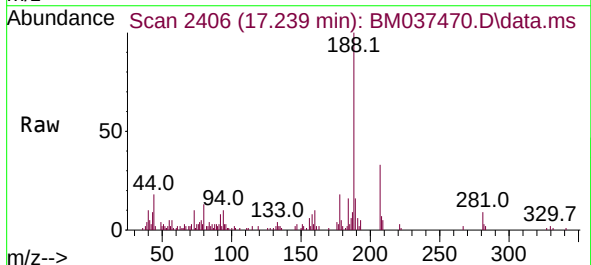
Instrument :
BNA_M
ClientSampleId :
PB148927TB

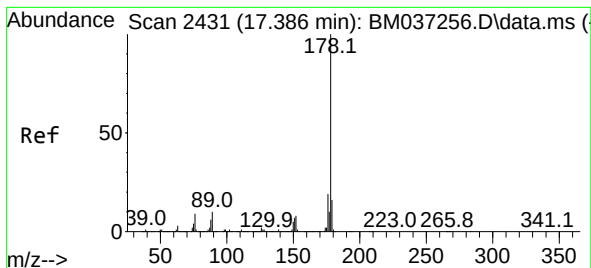
Tgt Ion:248 Resp: 117
Ion Ratio Lower Upper
248 100
250 182.2 77.8 116.6#
141 413.9 54.2 81.2#



#71
Phenanthrene
Concen: 0.041 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion:178 Resp: 3944
Ion Ratio Lower Upper
178 100
176 22.8 15.6 23.4
179 26.9 12.4 18.6#





#72

Anthracene

Concen: 0.015 ng

RT: 17.345 min Scan# 24

Delta R.T. 0.012 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

Instrument :

BNA_M

ClientSampleId :

PB148927TB

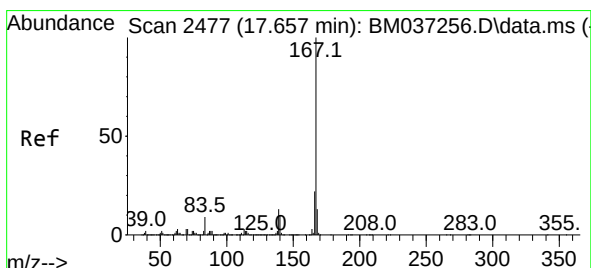
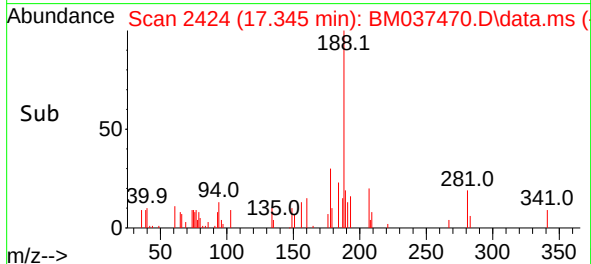
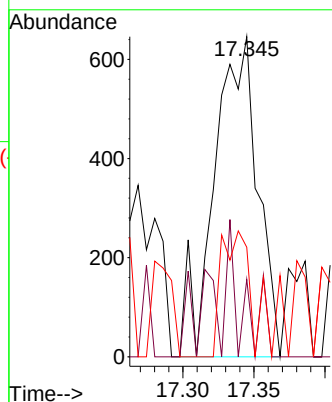
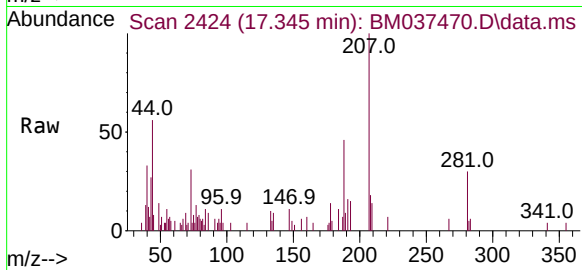
Tgt Ion:178 Resp: 1370

Ion Ratio Lower Upper

178 100

176 24.1 15.4 23.0#

179 34.2 12.6 19.0#



#73

Carbazole

Concen: 0.006 ng

RT: 17.645 min Scan# 2475

Delta R.T. 0.035 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

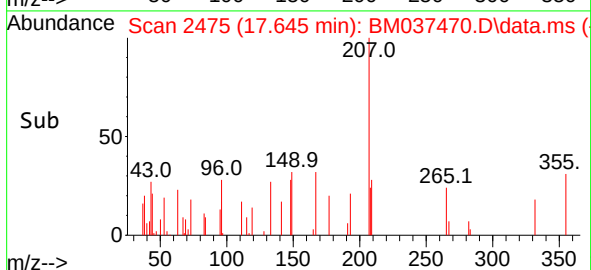
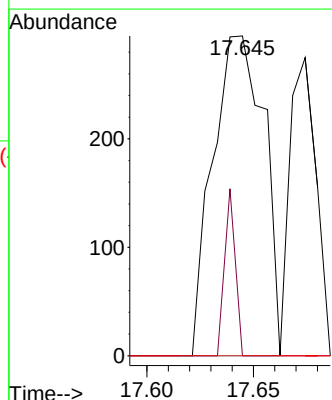
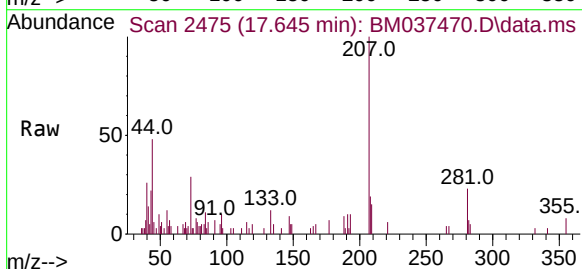
Tgt Ion:167 Resp: 493

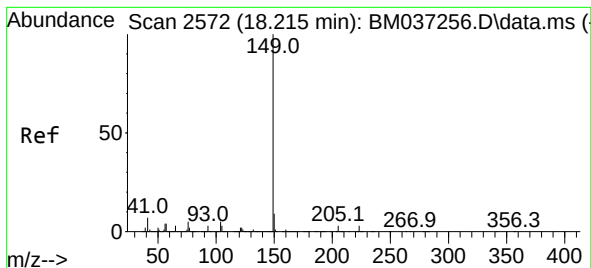
Ion Ratio Lower Upper

167 100

166 0.0 17.4 26.2#

139 0.0 10.4 15.6#





#74

Di-n-butylphthalate

Concen: 0.060 ng

RT: 18.168 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

Instrument :

BNA_M

ClientSampleId :

PB148927TB

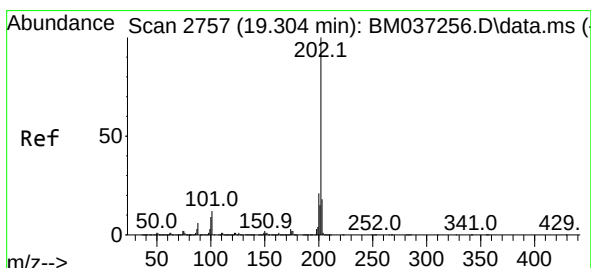
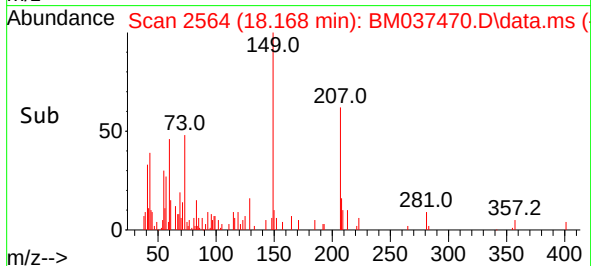
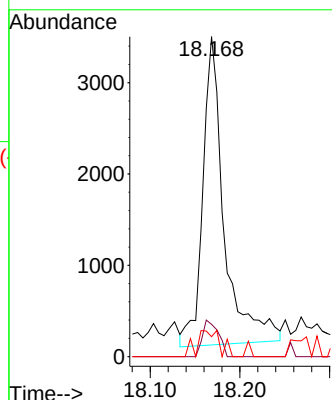
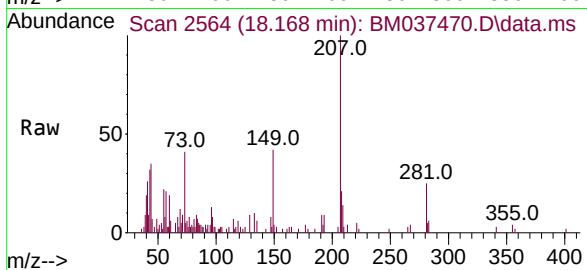
Tgt Ion:149 Resp: 5591

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.0

104 6.2 4.0 6.0#



#75

Fluoranthene

Concen: 0.072 ng

RT: 19.262 min Scan# 2750

Delta R.T. 0.006 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

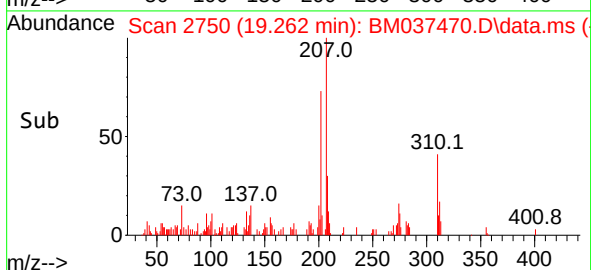
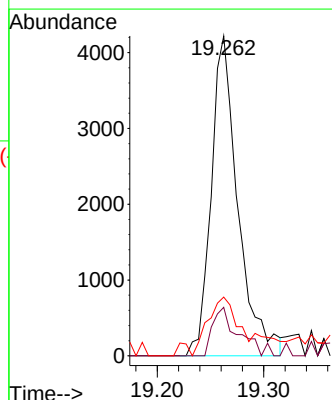
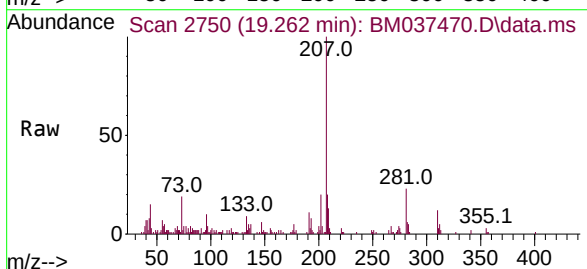
Tgt Ion:202 Resp: 7360

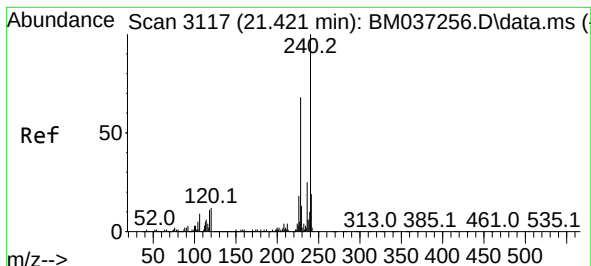
Ion Ratio Lower Upper

202 100

101 15.2 0.0 32.4

203 18.4 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

Instrument :

BNA_M

ClientSampleId :

PB148927TB

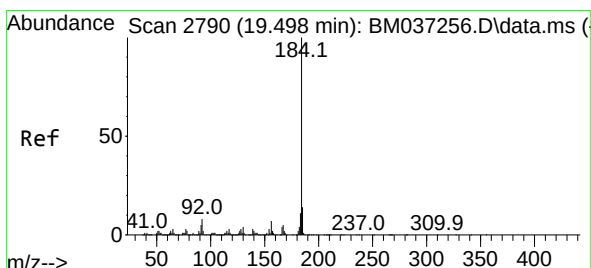
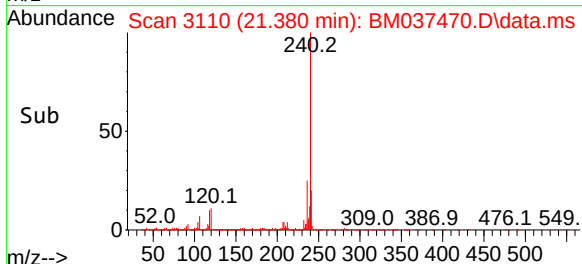
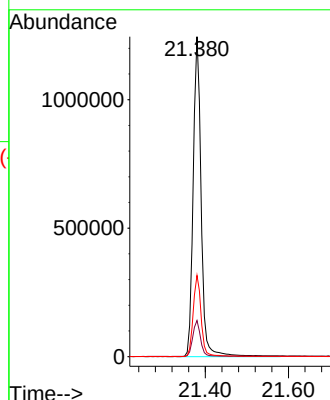
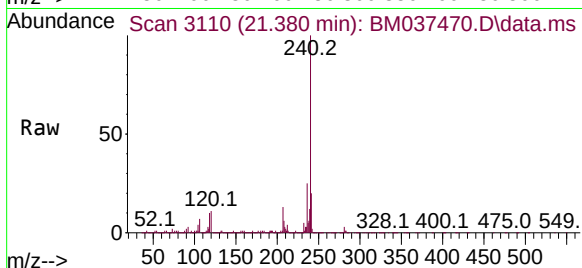
Tgt Ion:240 Resp: 1661645

Ion Ratio Lower Upper

240 100

120 11.3 9.9 14.9

236 25.4 20.3 30.5



#77

Benzidine

Concen: 0.002 ng

RT: 19.598 min Scan# 2807

Delta R.T. 0.141 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

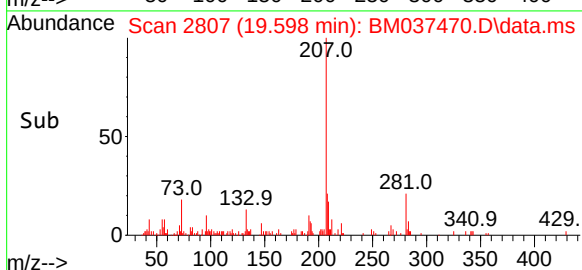
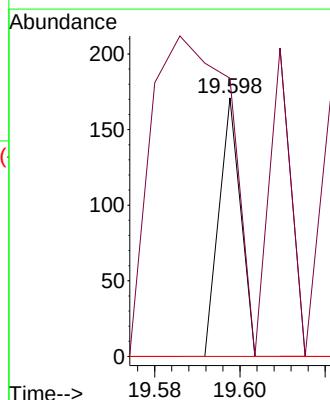
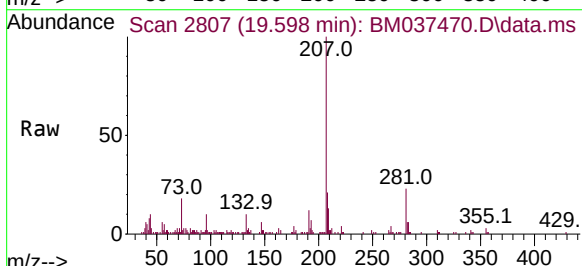
Tgt Ion:184 Resp: 60

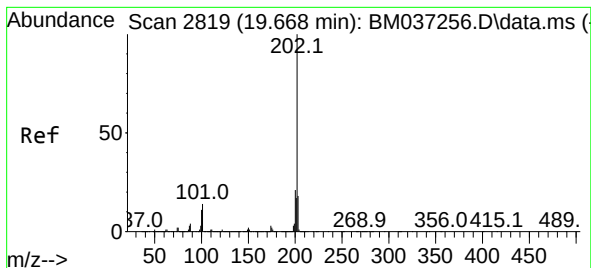
Ion Ratio Lower Upper

184 100

185 107.6 11.3 16.9#

183 0.0 9.0 13.4#





#78

Pyrene

Concen: 0.065 ng

RT: 19.621 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

Instrument :

BNA_M

ClientSampleId :

PB148927TB

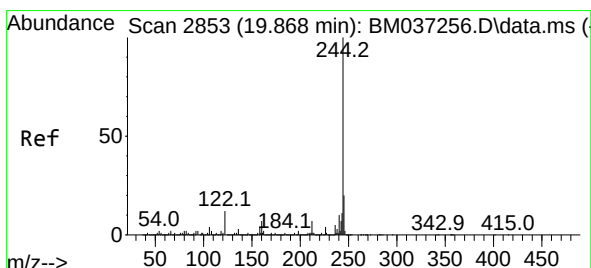
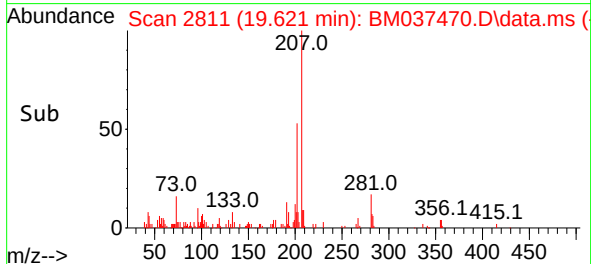
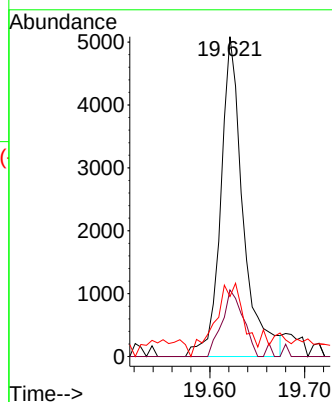
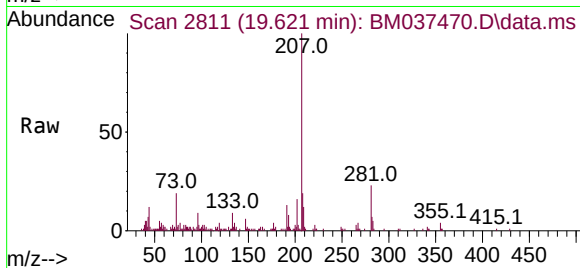
Tgt Ion:202 Resp: 8361

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

203 18.8 14.1 21.1



#79

Terphenyl-d14

Concen: 95.002 ng

RT: 19.827 min Scan# 2846

Delta R.T. 0.000 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

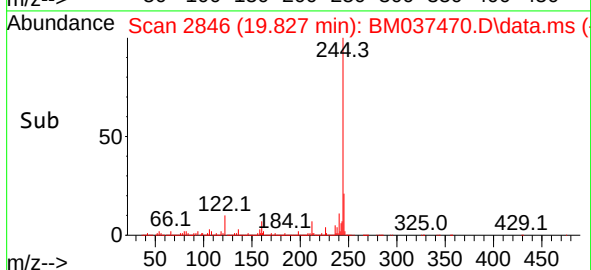
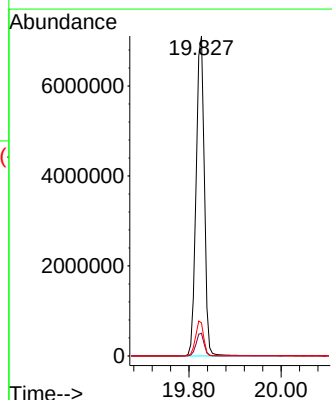
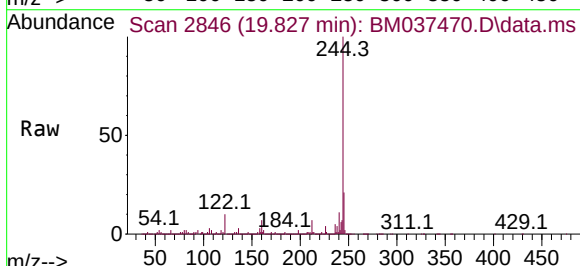
Tgt Ion:244 Resp: 8802918

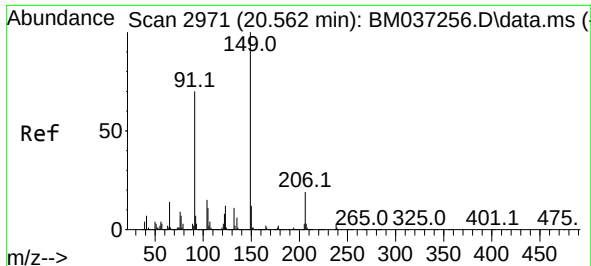
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.3 9.4 14.2

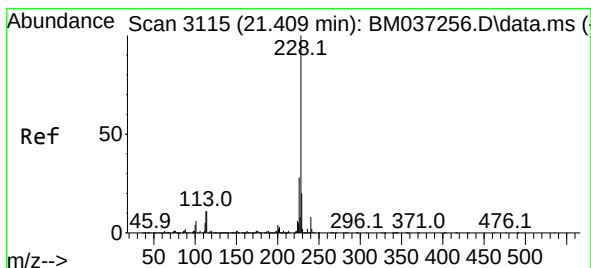
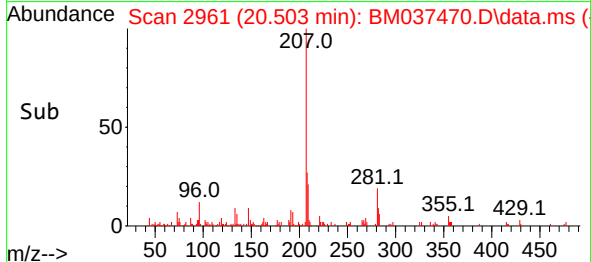
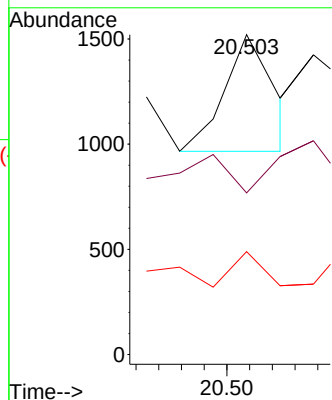
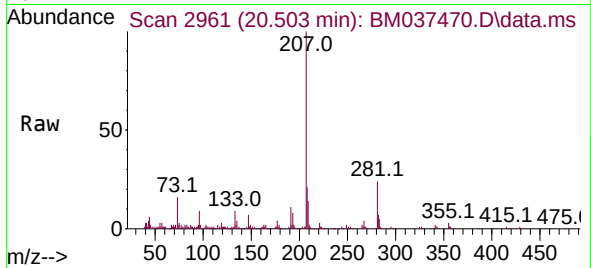




#80
Butylbenzylphthalate
Concen: 0.007 ng
RT: 20.503 min Scan# 2971
Delta R.T. -0.018 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

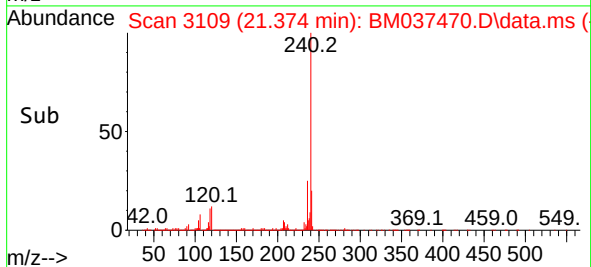
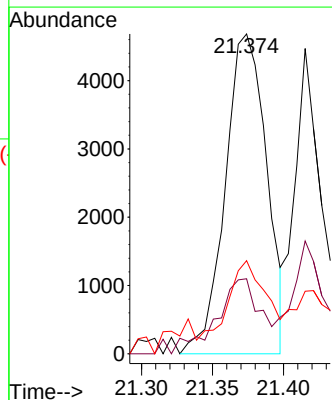
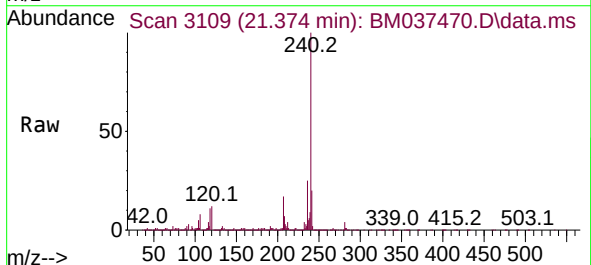
Instrument :
BNA_M
ClientSampleId :
PB148927TB

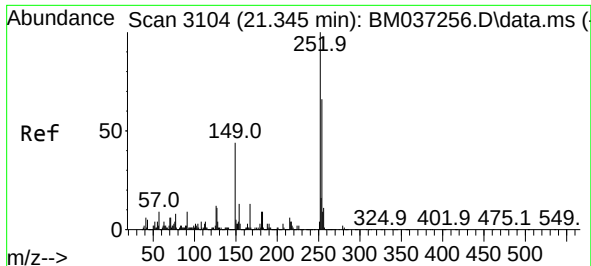
Tgt Ion:149 Resp: 340
Ion Ratio Lower Upper
149 100
91 50.5 56.2 84.4#
206 32.1 15.4 23.0#



#81
Benzo(a)anthracene
Concen: 0.080 ng
RT: 21.374 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion:228 Resp: 9512
Ion Ratio Lower Upper
228 100
226 23.5 22.3 33.5
229 29.1 16.2 24.2#

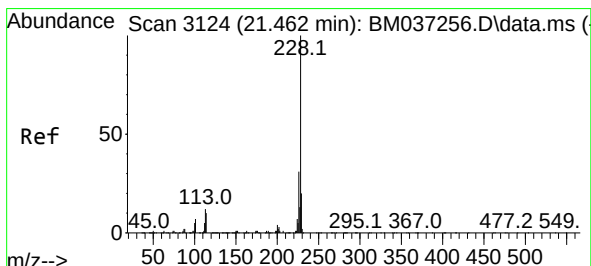
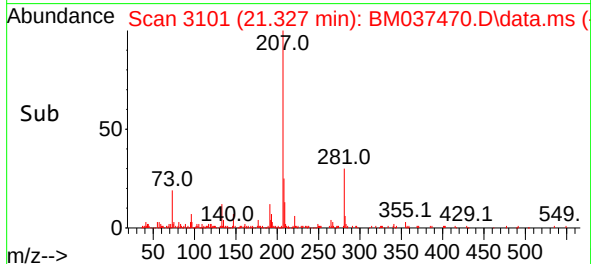
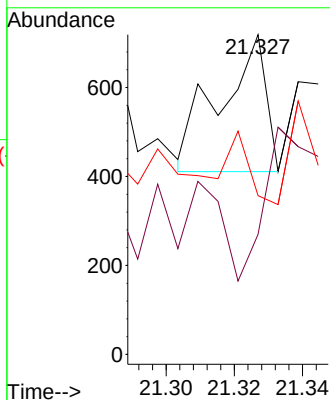
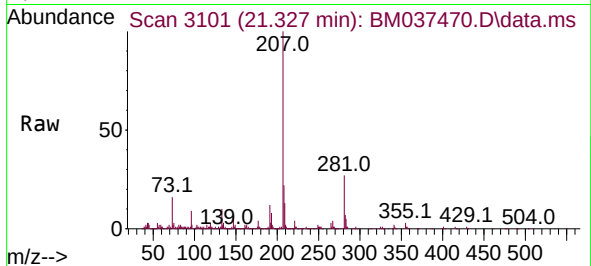




#82
 3,3'-Dichlorobenzidine
 Concen: 0.008 ng
 RT: 21.327 min Scan# 3110
 Delta R.T. 0.018 min
 Lab File: BM037470.D
 Acq: 11 Nov 2022 16:59

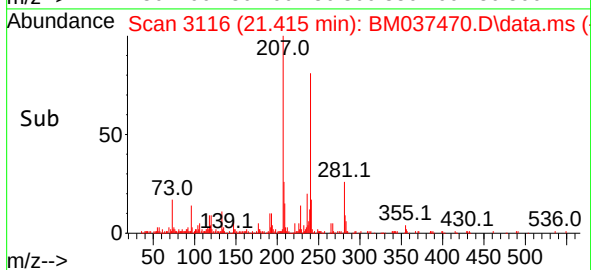
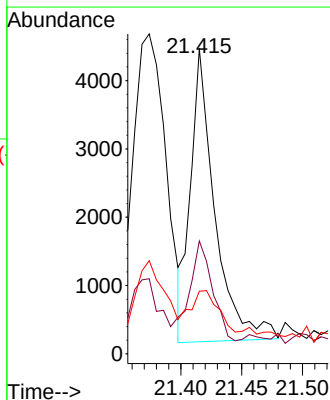
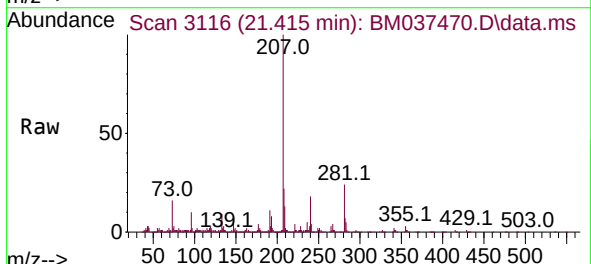
Instrument :
 BNA_M
 ClientSampleId :
 PB148927TB

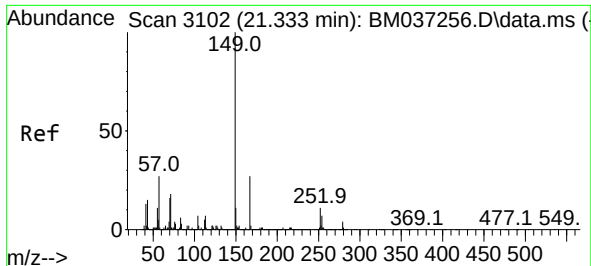
Tgt Ion:252 Resp: 288
 Ion Ratio Lower Upper
 252 100
 254 37.6 52.7 79.1#
 126 49.7 9.8 14.6#



#83
 Chrysene
 Concen: 0.052 ng
 RT: 21.415 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BM037470.D
 Acq: 11 Nov 2022 16:59

Tgt Ion:228 Resp: 5950
 Ion Ratio Lower Upper
 228 100
 226 37.0 24.4 36.6#
 229 20.5 16.0 24.0

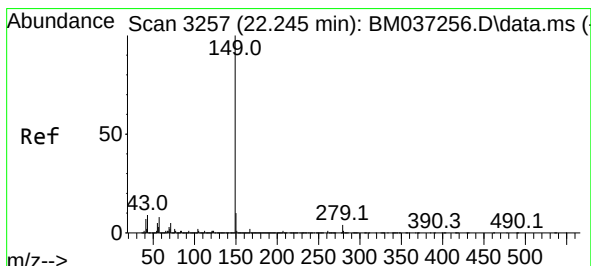
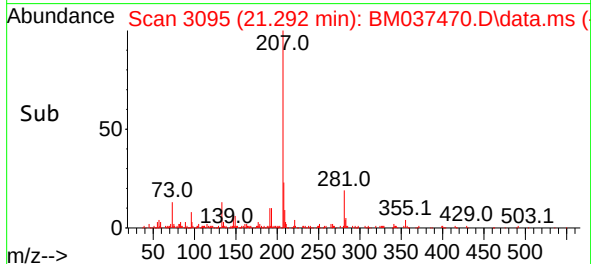
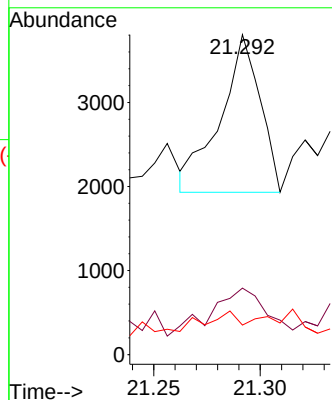
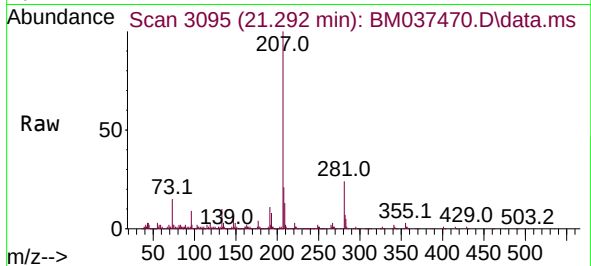




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.040 ng
RT: 21.292 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

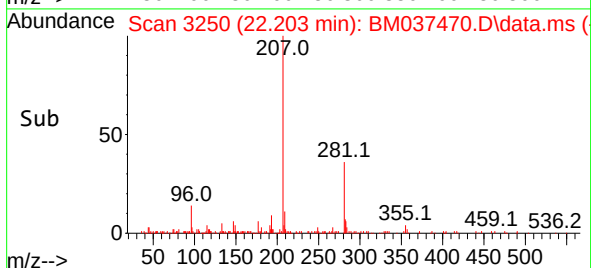
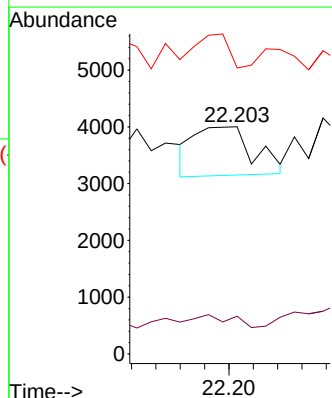
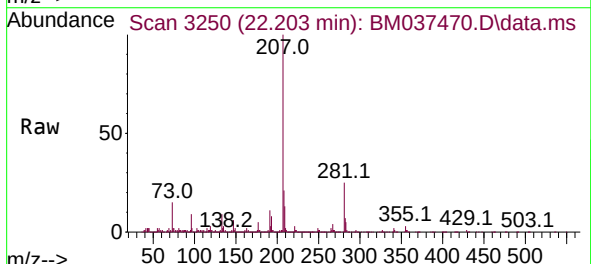
Instrument :
BNA_M
ClientSampleId :
PB148927TB

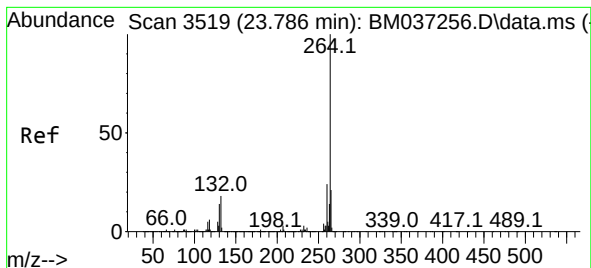
Tgt Ion:149 Resp: 2435
Ion Ratio Lower Upper
149 100
167 20.8 21.2 31.8#
279 9.2 3.1 4.7#



#85
Di-n-octyl phthalate
Concen: 0.015 ng
RT: 22.203 min Scan# 3250
Delta R.T. 0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion:149 Resp: 1463
Ion Ratio Lower Upper
149 100
167 26.7 1.3 1.9#
43 55.3 8.0 12.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

Instrument :

BNA_M

ClientSampleId :

PB148927TB

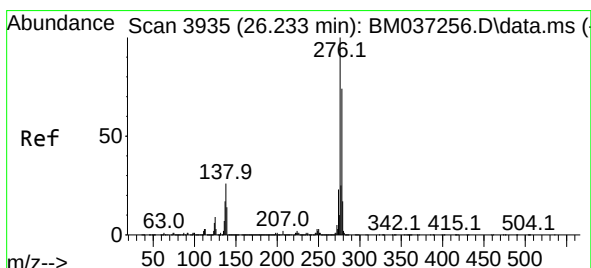
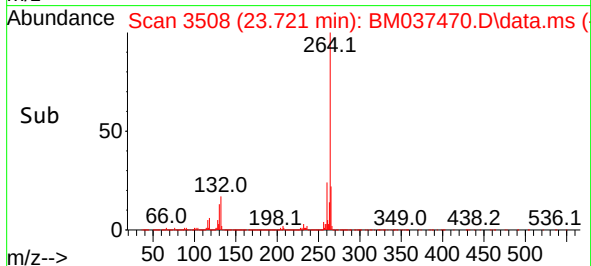
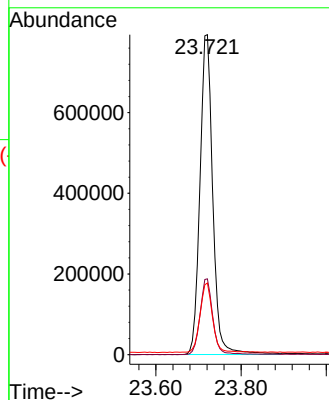
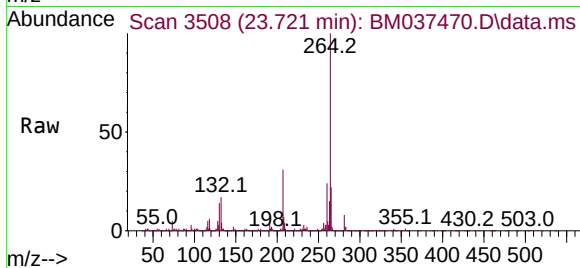
Tgt Ion:264 Resp: 1656630

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.4 17.7 26.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 0.016 ng

RT: 26.144 min Scan# 3920

Delta R.T. 0.000 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

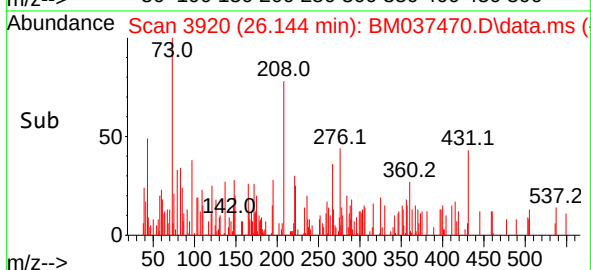
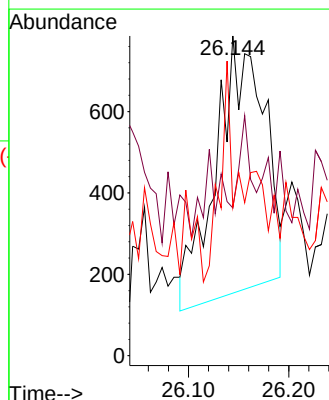
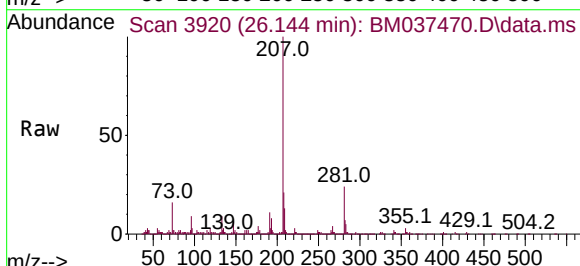
Tgt Ion:276 Resp: 2108

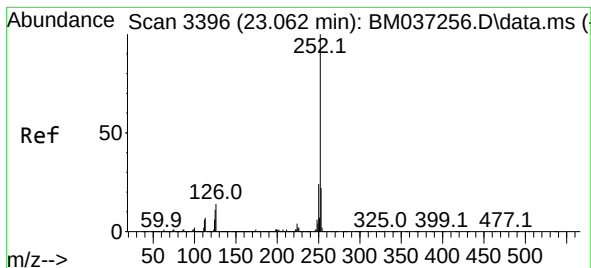
Ion Ratio Lower Upper

276 100

138 7.2 21.5 32.3#

277 27.7 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 0.038 ng

RT: 23.009 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

Instrument :

BNA_M

ClientSampleId :

PB148927TB

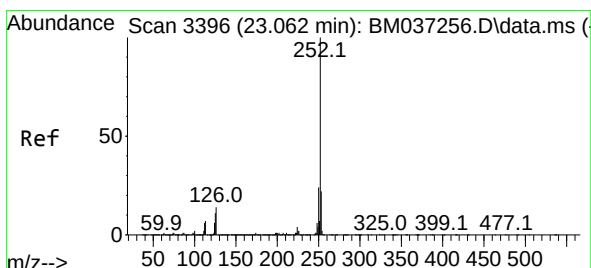
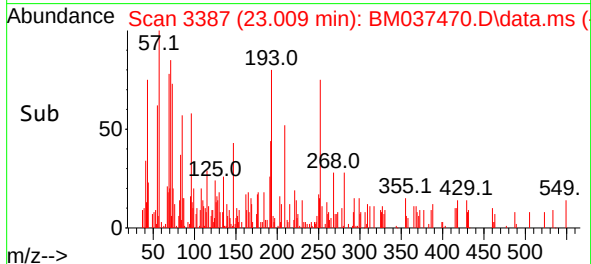
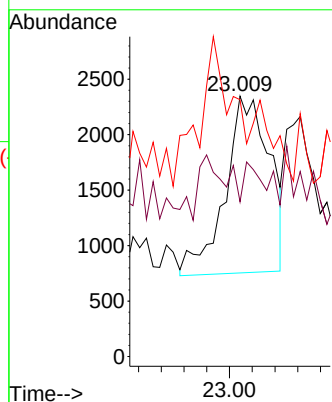
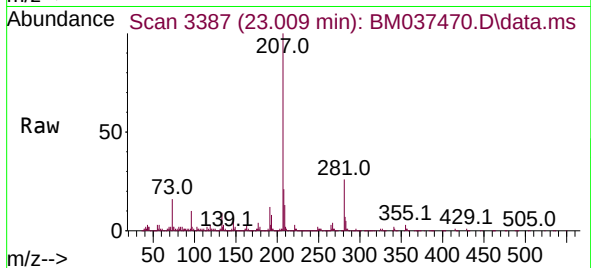
Tgt Ion:252 Resp: 4321

Ion Ratio Lower Upper

252 100

253 59.4 17.8 26.6#

125 98.6 9.1 13.7#



#89

Benzo(k)fluoranthene

Concen: 0.023 ng

RT: 23.062 min Scan# 3396

Delta R.T. 0.000 min

Lab File: BM037470.D

Acq: 11 Nov 2022 16:59

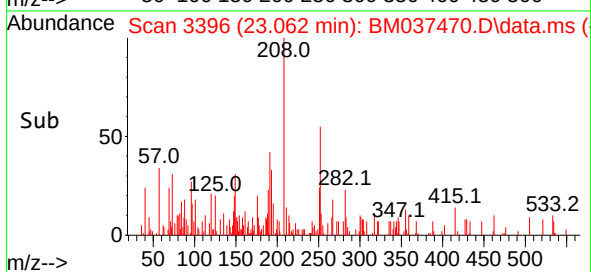
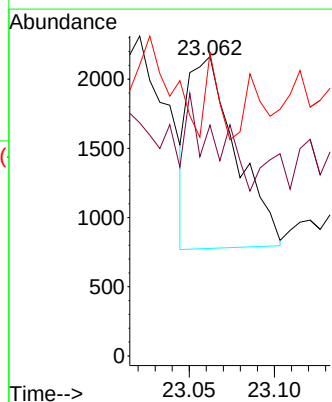
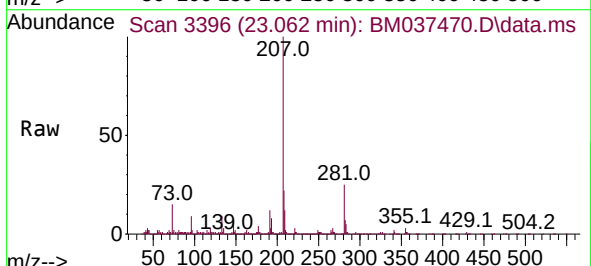
Tgt Ion:252 Resp: 2688

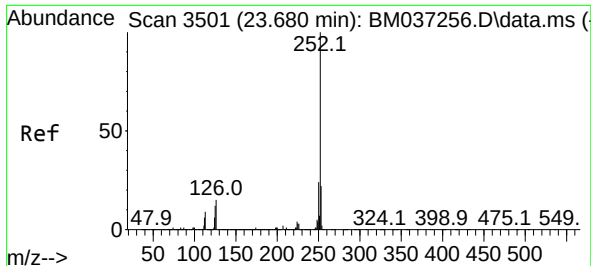
Ion Ratio Lower Upper

252 100

253 77.0 17.8 26.6#

125 101.2 9.1 13.7#

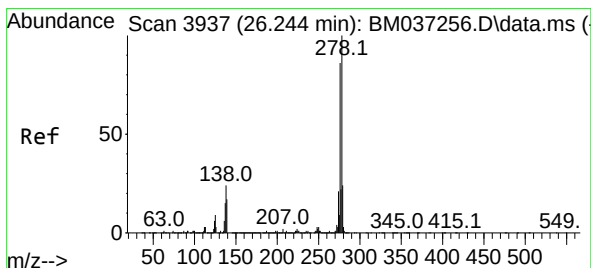
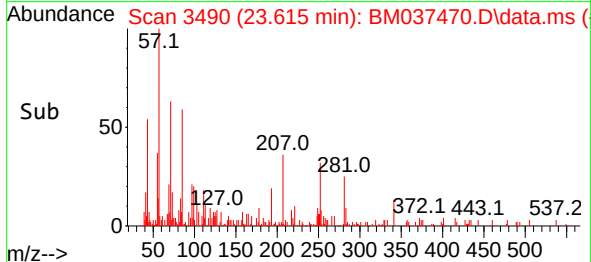
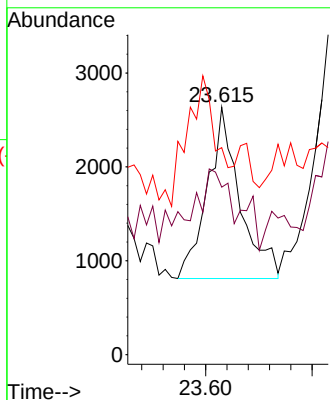
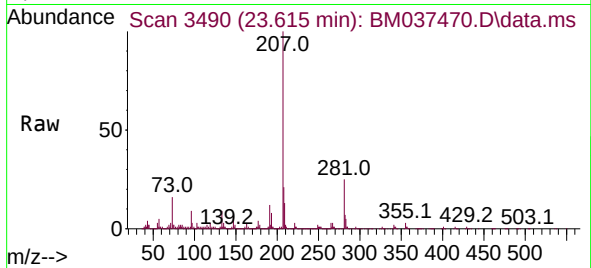




#90
Benzo(a)pyrene
Concen: 0.041 ng
RT: 23.615 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

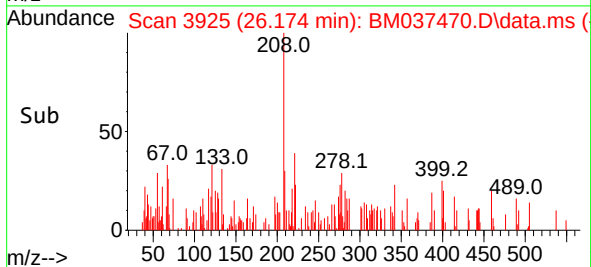
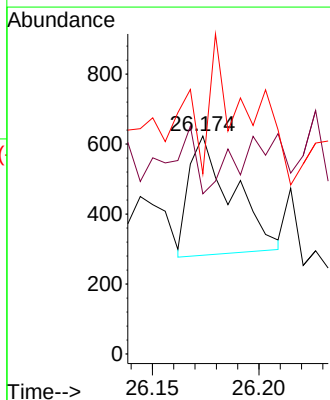
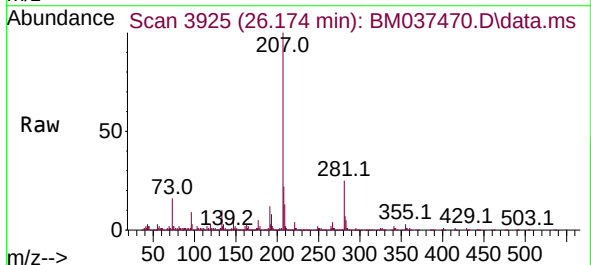
Instrument :
BNA_M
ClientSampleId :
PB148927TB

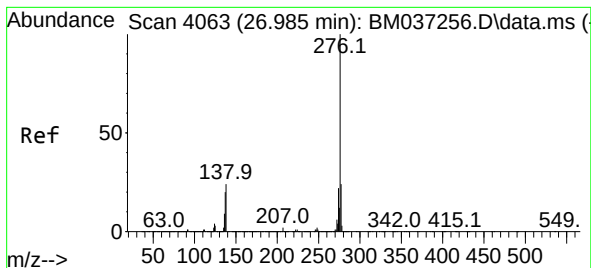
Tgt Ion:252 Resp: 3866
Ion Ratio Lower Upper
252 100
253 67.7 17.4 26.2#
125 83.6 9.9 14.9#



#91
Dibenzo(a,h)anthracene
Concen: 0.004 ng
RT: 26.174 min Scan# 3925
Delta R.T. 0.012 min
Lab File: BM037470.D
Acq: 11 Nov 2022 16:59

Tgt Ion:278 Resp: 482
Ion Ratio Lower Upper
278 100
139 73.5 13.8 20.8#
279 82.7 19.0 28.6#





#92

Benzo(g,h,i)perylene

Concen: 0.030 ng

RT: 26.897 min Scan# 40

Delta R.T. 0.012 min

Lab File: BM037470.D

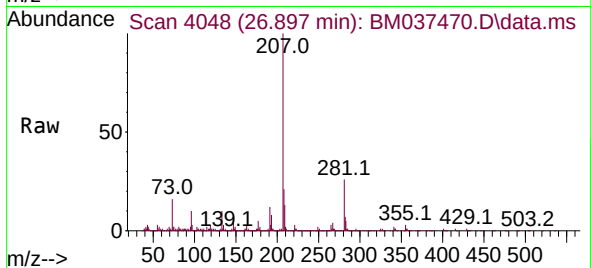
Acq: 11 Nov 2022 16:59

Instrument :

BNA_M

ClientSampleId :

PB148927TB



Tgt Ion:276 Resp: 3253

Ion Ratio Lower Upper

276 100

277 55.2 19.4 29.2#

138 47.1 18.9 28.3#

