

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
 Data File : BM037485.D
 Acq On : 12 Nov 2022 02:09
 Operator : CG/JU
 Sample : N5509-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-13

Quant Time: Nov 12 02:42:22 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	229554	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	866449	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	479145	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	869918	20.000	ng	0.00
76) Chrysene-d12	21.380	240	785809	20.000	ng	0.00
86) Perylene-d12	23.721	264	880953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2290540	172.388	ng	0.00
7) Phenol-d6	6.987	99	2619023	145.231	ng	0.00
23) Nitrobenzene-d5	8.975	82	1918306	111.701	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	1168616	206.960	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	4218010	116.968	ng	0.00
79) Terphenyl-d14	19.821	244	5893645	134.497	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	761	0.140	ng	# 1
3) Pyridine	3.664	79	260	0.016	ng	# 1
4) n-Nitrosodimethylamine	3.564	42	1627	0.230	ng	# 1
6) Aniline	7.152	93	187	0.008	ng	# 1
8) 2-Chlorophenol	7.381	128	138	0.009	ng	# 52
9) Benzaldehyde	6.987	77	4810	0.527	ng	# 5
10) Phenol	6.987	94	1221	0.060	ng	# 1
11) bis(2-Chloroethyl)ether	7.246	93	182	0.011	ng	# 19
15) Benzyl Alcohol	8.028	79	354	0.027	ng	# 3
16) 2,2'-oxybis(1-Chloropr...	8.199	45	351	0.015	ng	75
17) 2-Methylphenol	8.228	107	53	0.004	ng	# 1
18) Hexachloroethane	8.869	117	54	0.008	ng	# 3
19) n-Nitroso-di-n-propyla...	8.622	70	187	0.088	ng	# 1
20) 3+4-Methylphenols	8.487	107	55	0.003	ng	# 1
22) Acetophenone	8.640	105	1813	0.081	ng	# 1
24) Nitrobenzene	9.046	77	304	0.017	ng	# 39
25) Isophorone	9.534	82	207	0.007	ng	# 65
28) bis(2-Chloroethoxy)met...	10.034	93	55	0.003	ng	# 5
31) Naphthalene	10.651	128	48957	0.997	ng	97
33) 4-Chloroaniline	10.651	127	6354	0.325	ng	# 31
37) 2-Methylnaphthalene	12.492	142	5908	0.178	ng	95
38) 1-Methylnaphthalene	12.492	142	5908	0.182	ng	# 99
46) 1,1'-Biphenyl	13.281	154	1462	0.038	ng	88
48) 2-Nitroaniline	13.551	65	96	0.011	ng	# 4
49) Acenaphthylene	14.169	152	5334	0.112	ng	# 94
50) Dimethylphthalate	13.928	163	11091	0.303	ng	# 96
51) 2,6-Dinitrotoluene	13.975	165	61	0.008	ng	# 22
52) Acenaphthene	14.510	154	1566	0.053	ng	# 68
55) Dibenzofuran	14.857	168	1862	0.041	ng	# 77
56) 4-Nitrophenol	14.857	139	724	0.105	ng	# 8
57) 2,4-Dinitrotoluene	14.810	165	54	0.005	ng	# 22
58) Fluorene	15.504	166	3196	0.084	ng	99
60) Diethylphthalate	15.275	149	3009	0.085	ng	# 84
63) Azobenzene	15.798	77	576	0.016	ng	# 72
66) n-Nitrosodiphenylamine	15.939	169	33655	1.145	ng	# 44
67) 4-Bromophenyl-phenylether	16.116	248	78	0.008	ng	# 1

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

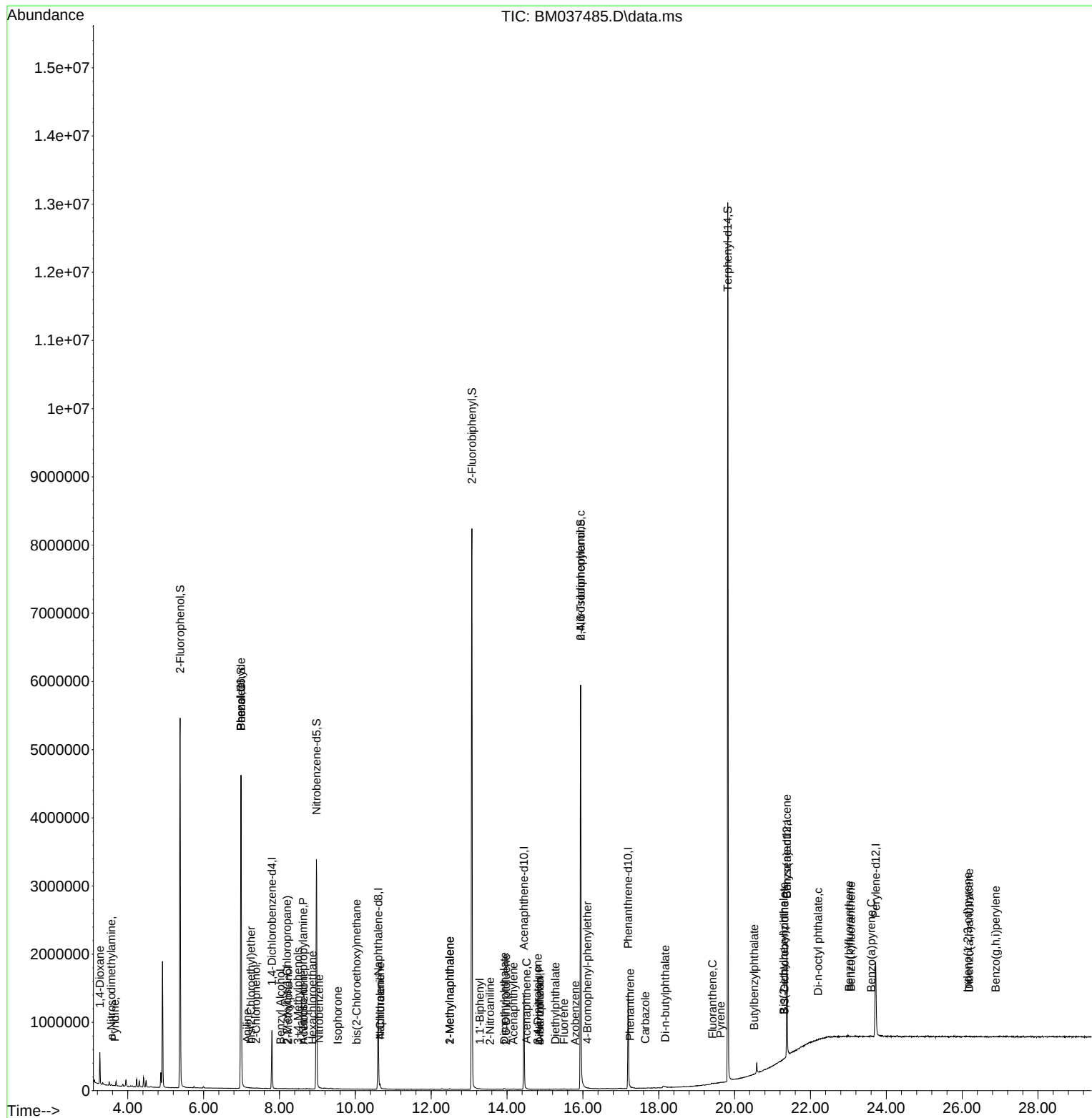
71) Phenanthrene	17.239	178	7359	0.136	ng	95
73) Carbazole	17.645	167	545	0.012	ng #	59
74) Di-n-butylphthalate	18.168	149	7041	0.136	ng	99
75) Fluoranthene	19.415	202	59	0.001	ng	63
78) Pyrene	19.627	202	1568	0.026	ng #	78
80) Butylbenzylphthalate	20.515	149	295	0.014	ng #	79
81) Benzo(a)anthracene	21.380	228	3648	0.065	ng #	86
82) 3,3'-Dichlorobenzidine	21.315	252	453	0.028	ng #	43
84) Bis(2-ethylhexyl)phtha...	21.292	149	2266	0.078	ng #	83
85) Di-n-octyl phthalate	22.198	149	655	0.014	ng #	32
87) Indeno(1,2,3-cd)pyrene	26.150	276	1128	0.016	ng #	61
88) Benzo(b)fluoranthene	23.015	252	2033	0.033	ng #	1
89) Benzo(k)fluoranthene	23.068	252	1700	0.027	ng #	1
90) Benzo(a)pyrene	23.603	252	289	0.006	ng #	1
91) Dibenzo(a,h)anthracene	26.186	278	1303	0.022	ng #	1
92) Benzo(g,h,i)perylene	26.886	276	1512	0.026	ng #	56

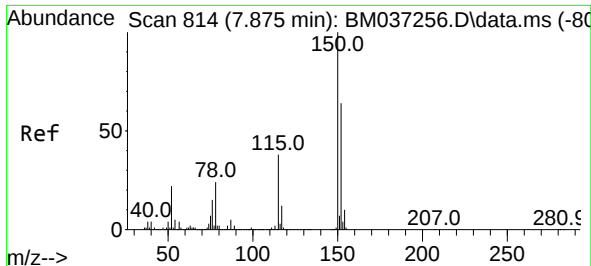
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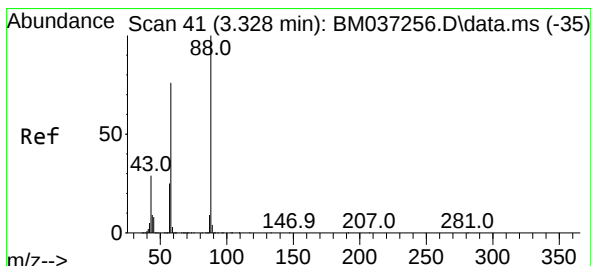
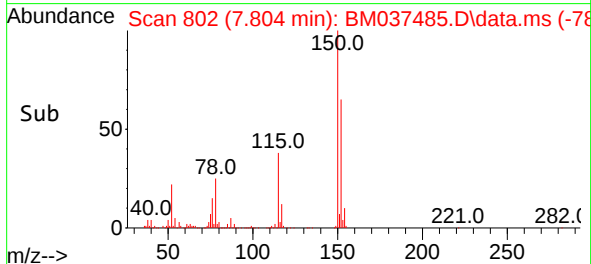
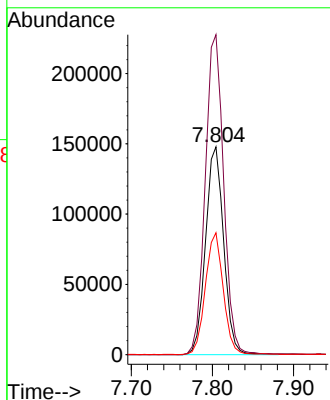
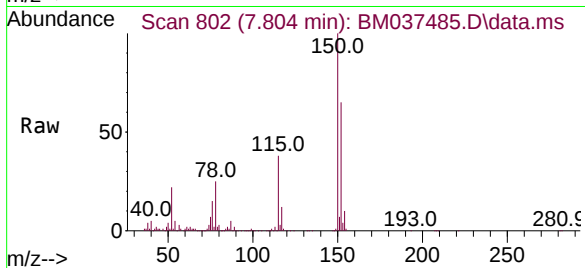




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

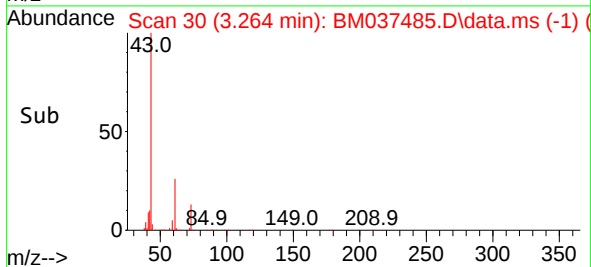
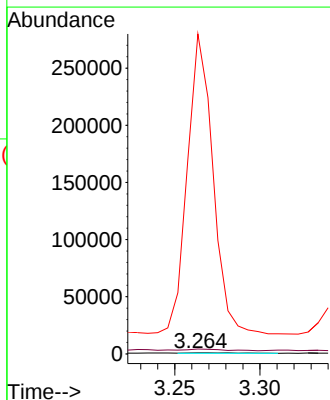
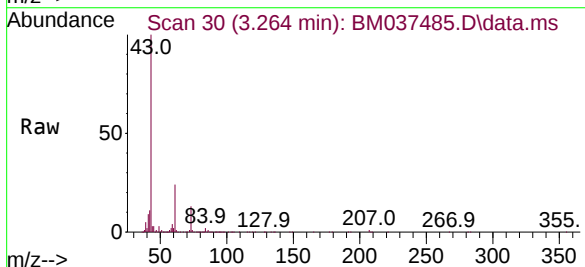
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BNA_M
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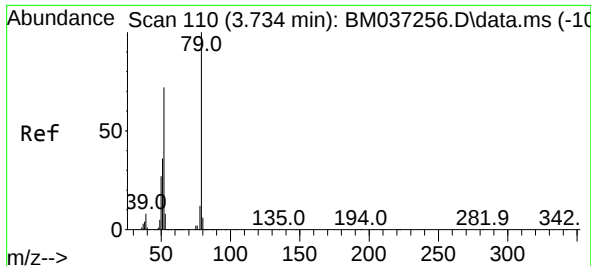
Tgt Ion:152 Resp: 229554
Ion Ratio Lower Upper
152 100
150 154.0 124.8 187.2
115 58.7 47.0 70.4



#2
1,4-Dioxane
Concen: 0.140 ng
RT: 3.264 min Scan# 30
Delta R.T. 0.012 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion: 88 Resp: 761
Ion Ratio Lower Upper
88 100
58 295.3 63.5 95.3#
43 36373.5 24.2 36.4#

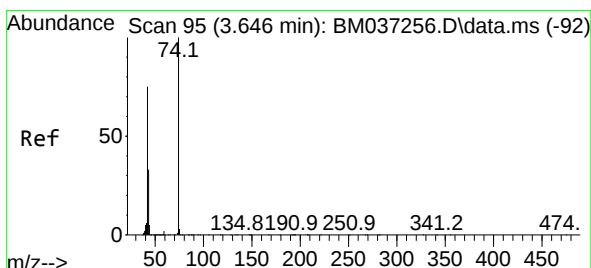
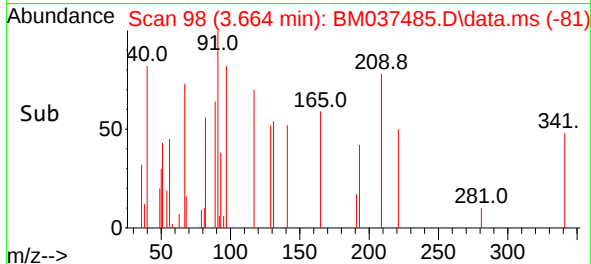
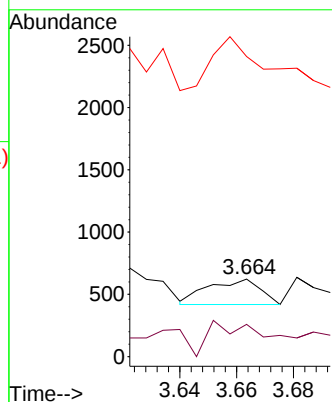
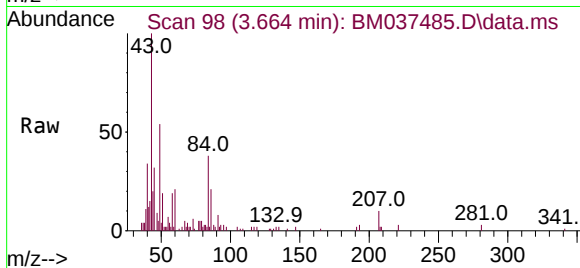




#3
Pyridine
Concen: 0.016 ng
RT: 3.664 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

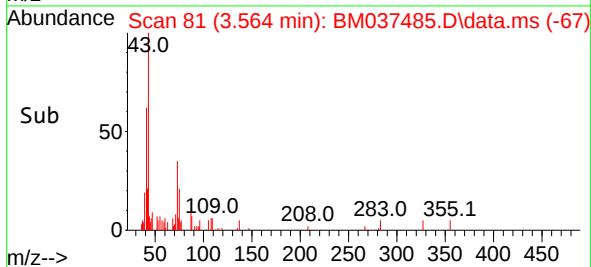
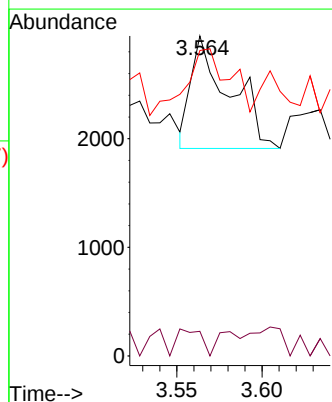
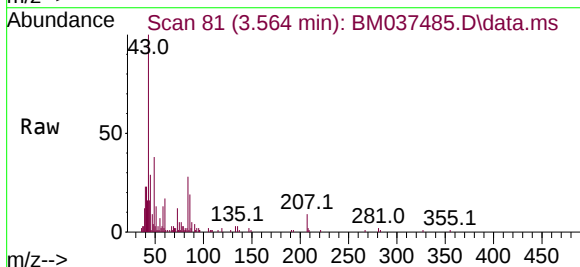
Instrument :
BNA_M
ClientSampleId :
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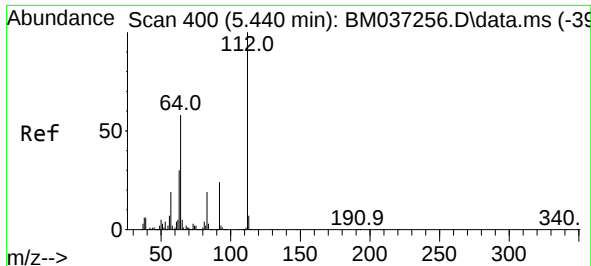
Tgt Ion: 79 Resp: 260
Ion Ratio Lower Upper
79 100
52 41.6 57.8 86.6#
51 386.8 29.0 43.6#



#4
n-Nitrosodimethylamine
Concen: 0.230 ng
RT: 3.564 min Scan# 81
Delta R.T. -0.017 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion: 42 Resp: 1627
Ion Ratio Lower Upper
42 100
74 7.7 106.2 159.2#
44 95.4 5.4 8.0#

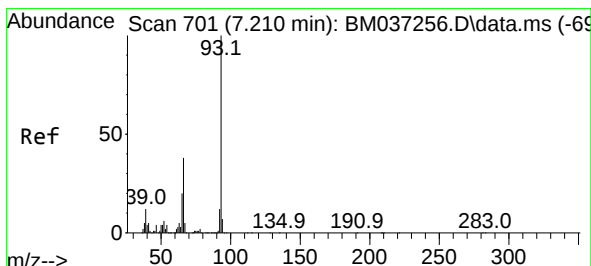
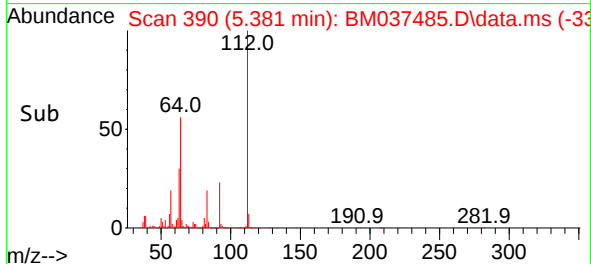
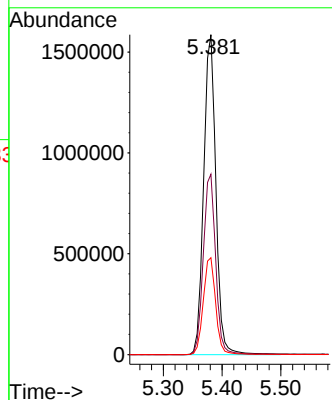
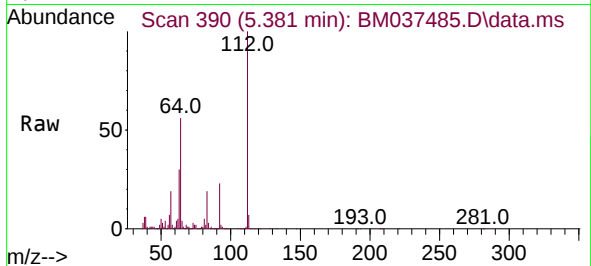




#5
2-Fluorophenol
Concen: 172.388 ng
RT: 5.381 min Scan# 391
Delta R.T. 0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

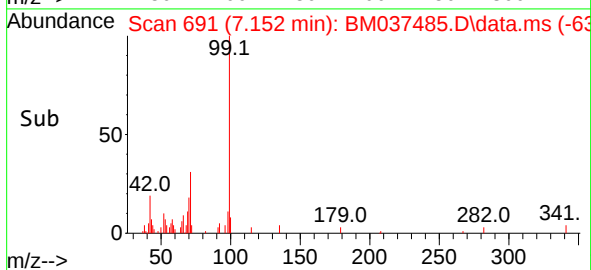
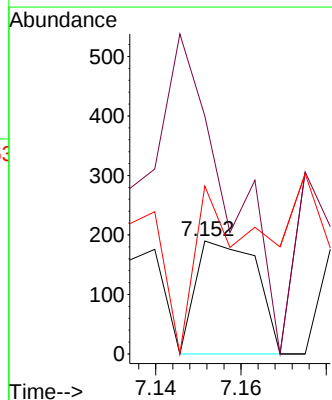
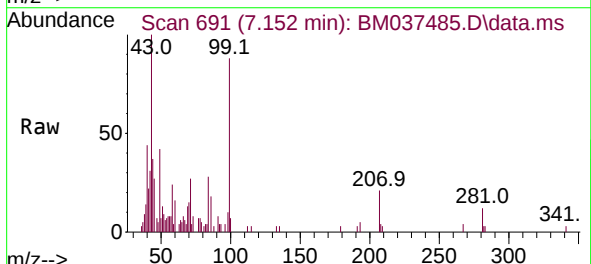
Instrument :
BNA_M
ClientSampleId :
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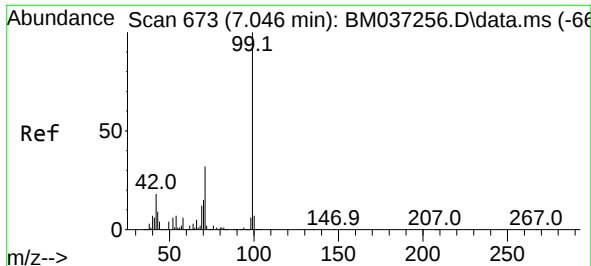
Tgt Ion:112 Resp: 2290540
Ion Ratio Lower Upper
112 100
64 56.4 46.8 70.2
63 30.3 24.4 36.6



#6
Aniline
Concen: 0.008 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion: 93 Resp: 187
Ion Ratio Lower Upper
93 100
66 210.5 30.4 45.6#
65 148.4 16.2 24.2#

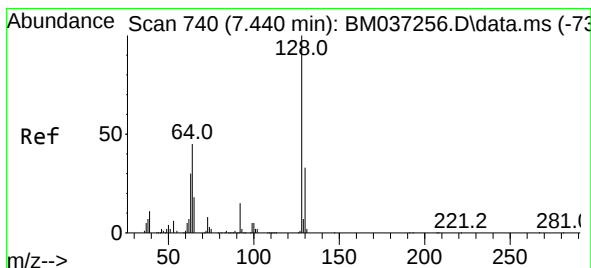
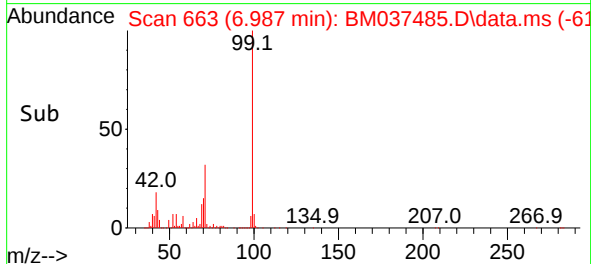
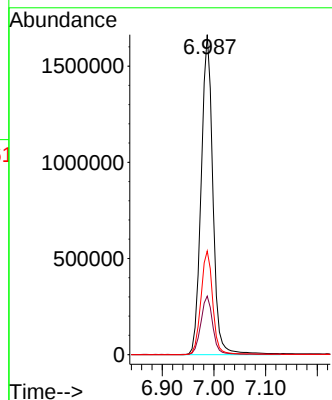
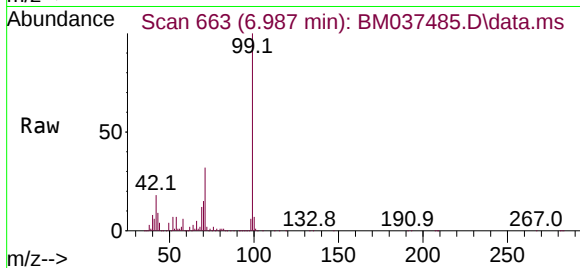




#7
Phenol-d6
Concen: 145.231 ng
RT: 6.987 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

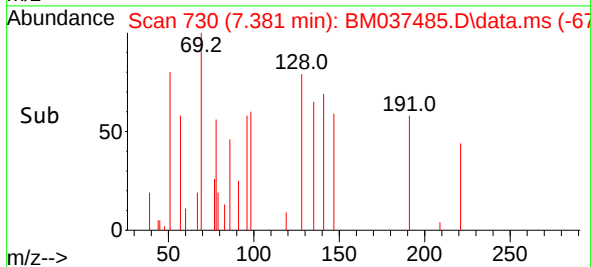
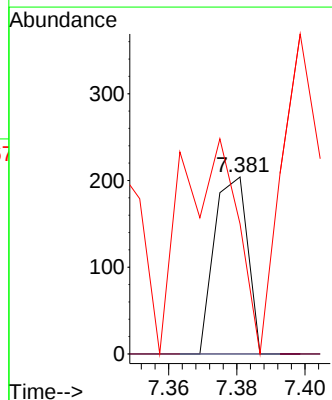
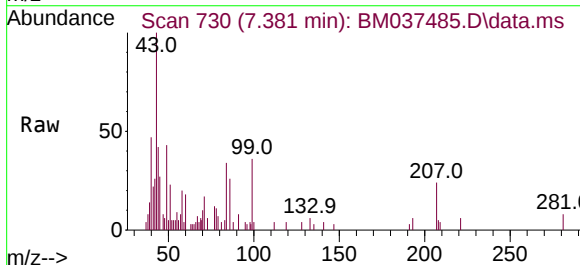
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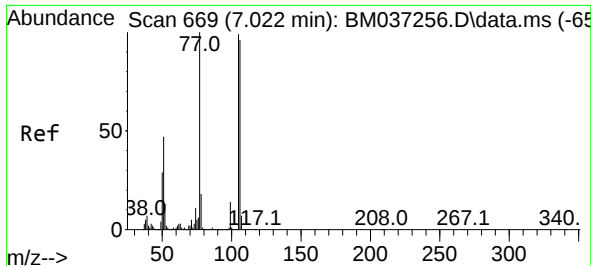
Tgt Ion: 99 Resp: 2619023
Ion Ratio Lower Upper
99 100
42 18.3 14.8 22.2
71 32.4 25.6 38.4



#8
2-Chlorophenol
Concen: 0.009 ng
RT: 7.381 min Scan# 730
Delta R.T. 0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion: 128 Resp: 138
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 73.5 26.4 66.4#

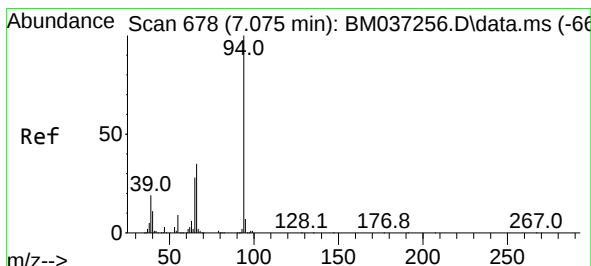
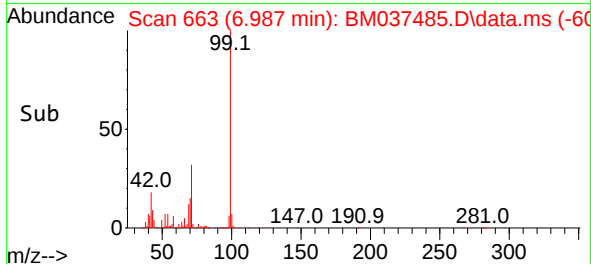
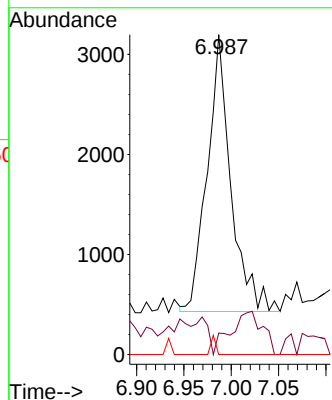
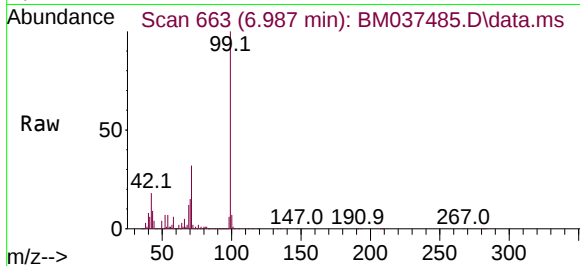




#9
Benzaldehyde
Concen: 0.527 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.030 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

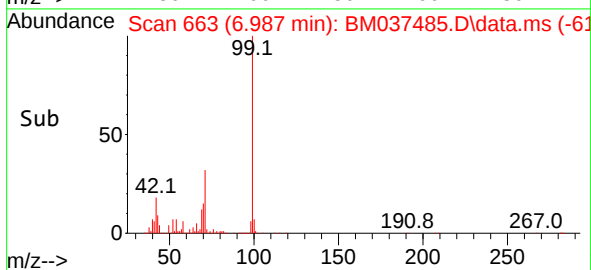
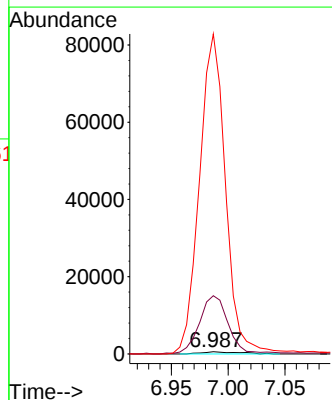
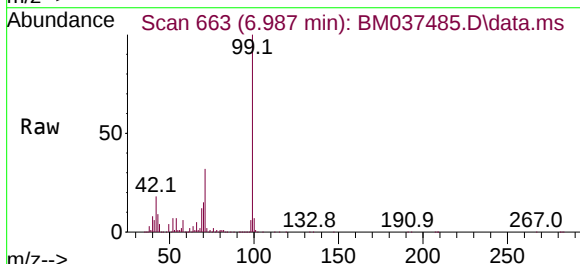
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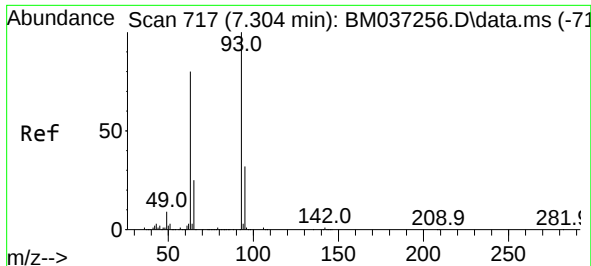
Tgt Ion: 77 Resp: 4810
Ion Ratio Lower Upper
77 100
105 6.7 78.6 118.6#
106 0.0 75.8 115.8#



#10
Phenol
Concen: 0.060 ng
RT: 6.987 min Scan# 663
Delta R.T. -0.029 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion: 94 Resp: 1221
Ion Ratio Lower Upper
94 100
65 2633.7 8.1 48.1#
66 14489.5 15.5 55.5#

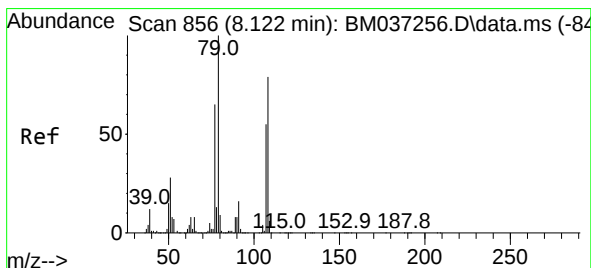
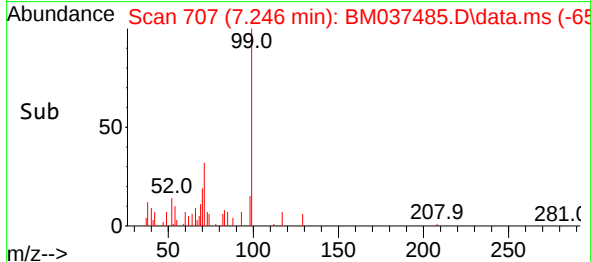
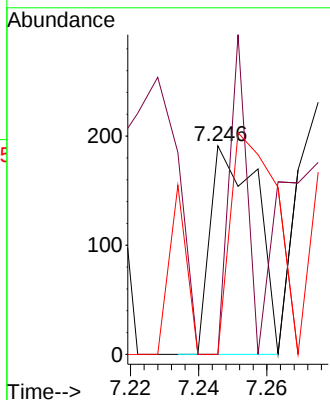
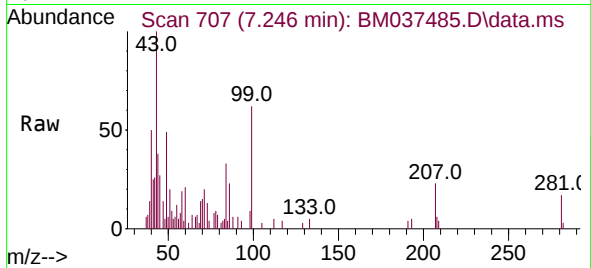




#11
bis(2-Chloroethyl)ether
Concen: 0.011 ng
RT: 7.246 min Scan# 70
Delta R.T. 0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

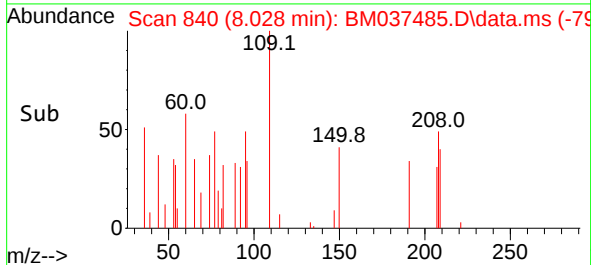
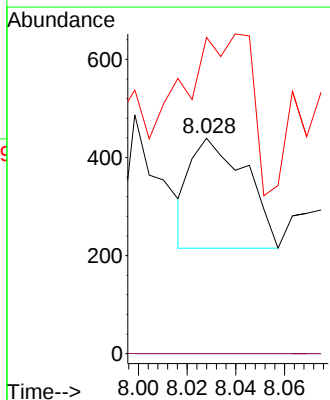
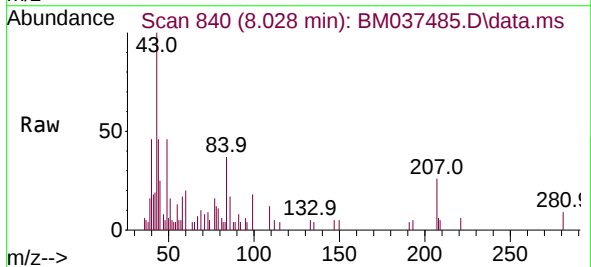
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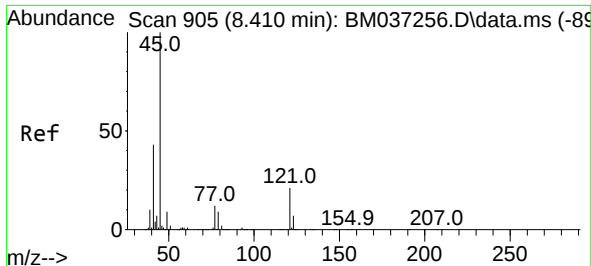
Tgt Ion: 93 Resp: 182
Ion Ratio Lower Upper
93 100
63 0.0 59.3 99.3#
95 0.0 12.0 52.0#



#15
Benzyl Alcohol
Concen: 0.027 ng
RT: 8.028 min Scan# 840
Delta R.T. -0.035 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion: 79 Resp: 354
Ion Ratio Lower Upper
79 100
108 0.0 63.1 94.7#
77 146.9 51.7 77.5#

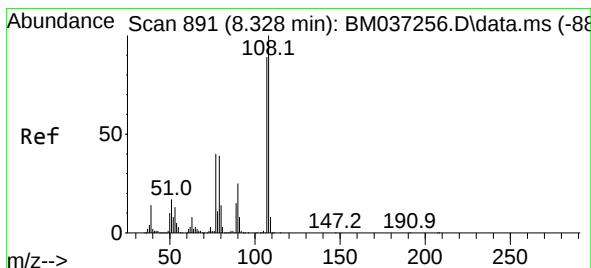
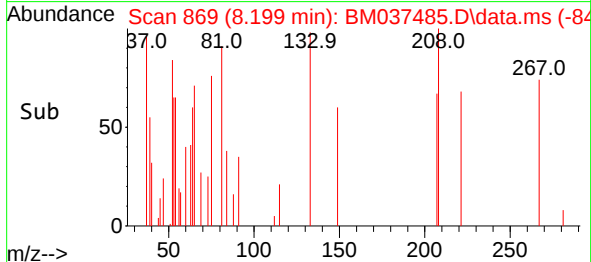
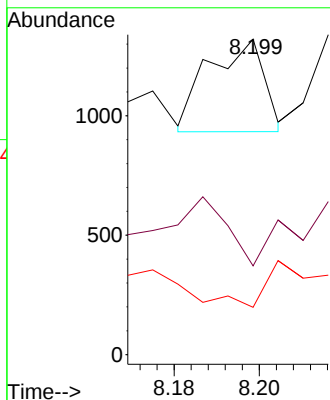
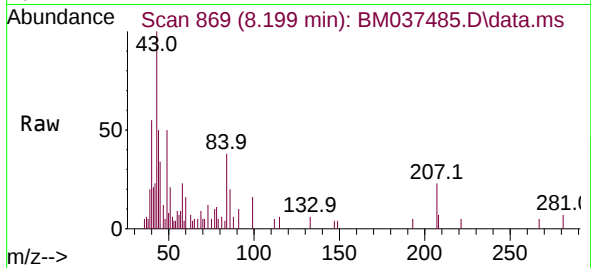




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.015 ng
RT: 8.199 min Scan# 80
Delta R.T. -0.147 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

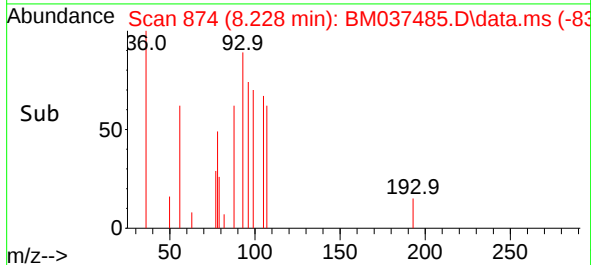
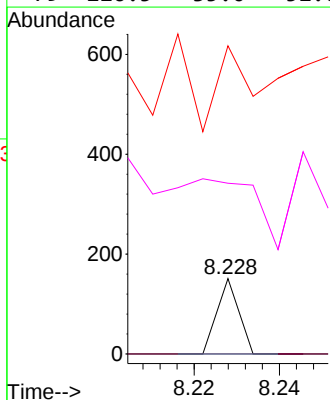
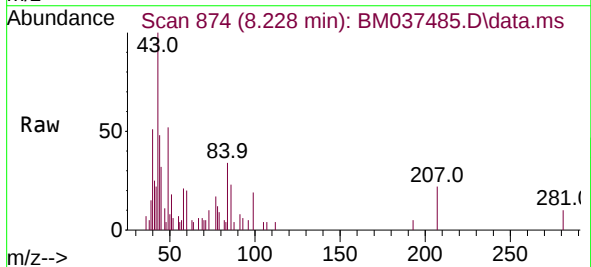
Instrument :
BNA_M
ClientSampleId :
TP-13

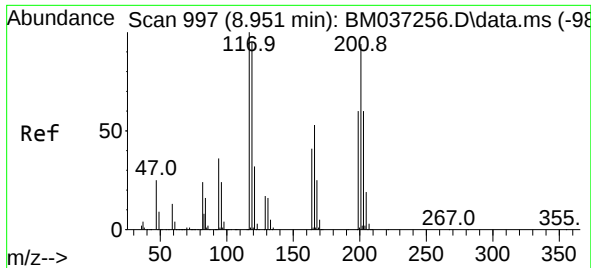
Tgt Ion: 45 Resp: 351
Ion Ratio Lower Upper
45 100
77 28.2 0.0 34.0
79 15.0 0.0 30.6



#17
2-Methylphenol
Concen: 0.004 ng
RT: 8.228 min Scan# 874
Delta R.T. -0.041 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion: 107 Resp: 53
Ion Ratio Lower Upper
107 100
108 0.0 89.5 134.3#
77 408.6 36.2 54.2#
79 226.5 35.0 52.6#

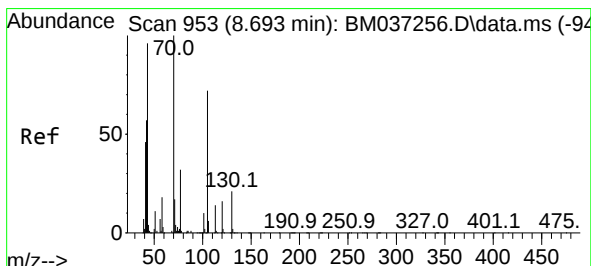
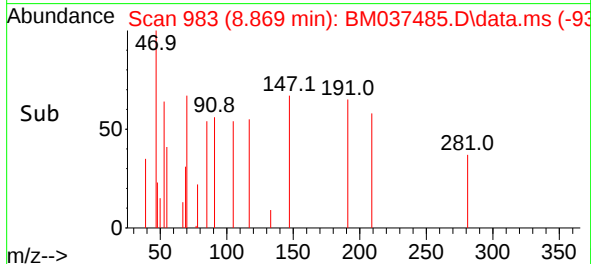
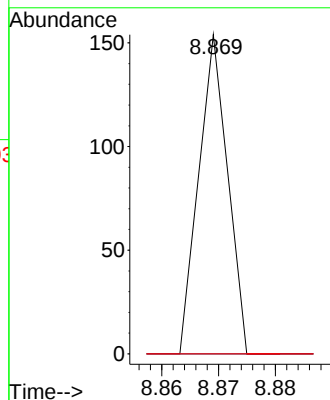
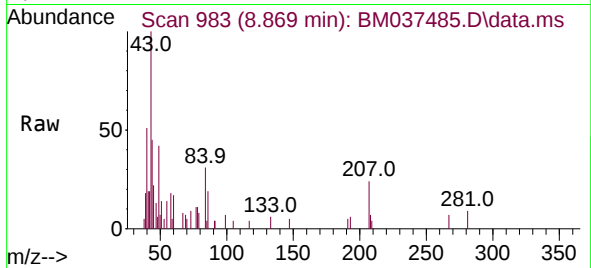




#18
Hexachloroethane
Concen: 0.008 ng
RT: 8.869 min Scan# 983
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

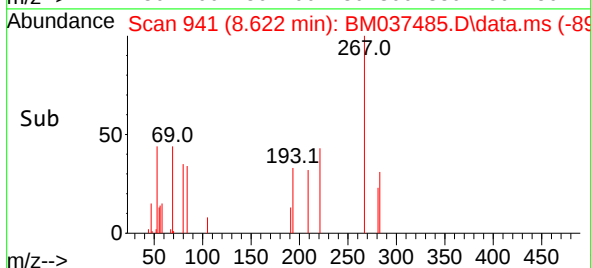
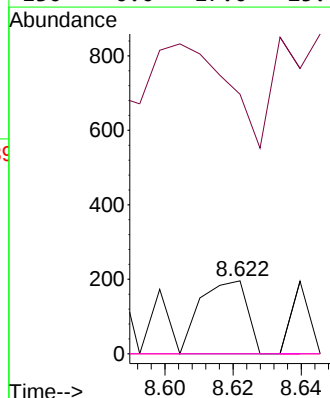
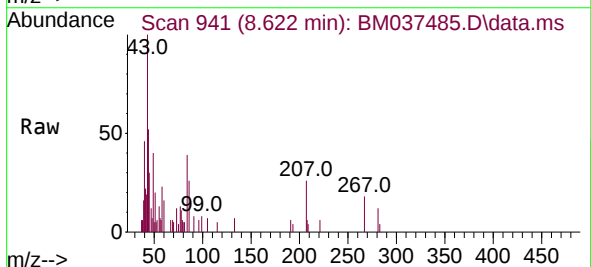
Instrument :
BNA_M
ClientSampleId :
TP-13

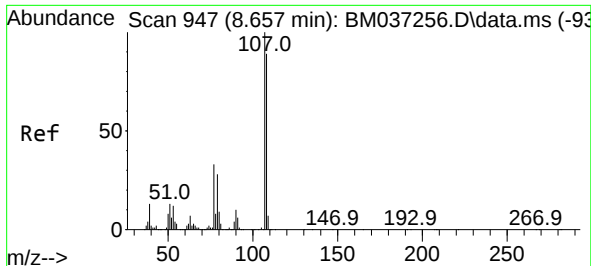
Tgt Ion:117 Resp: 54
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
201 0.0 75.0 112.4#



#19
n-Nitroso-di-n-propylamine
Concen: 0.088 ng
RT: 8.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion: 70 Resp: 187
Ion Ratio Lower Upper
70 100
42 355.6 46.4 69.6#
101 0.0 7.8 11.8#
130 0.0 17.0 25.4#

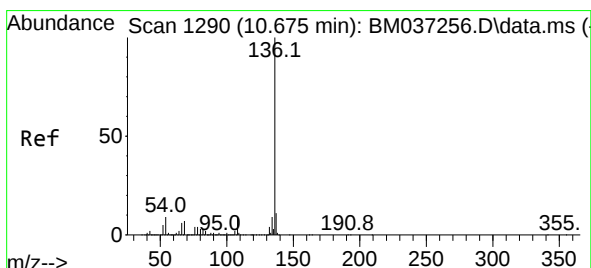
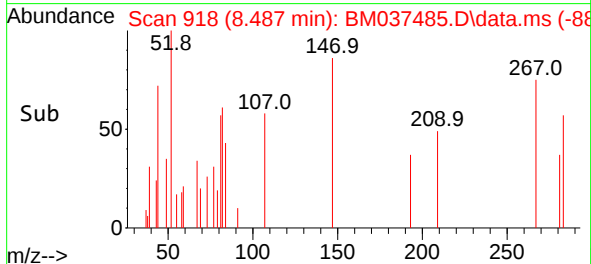
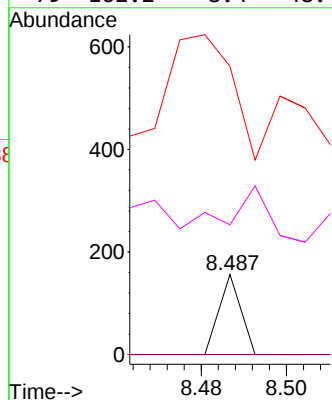
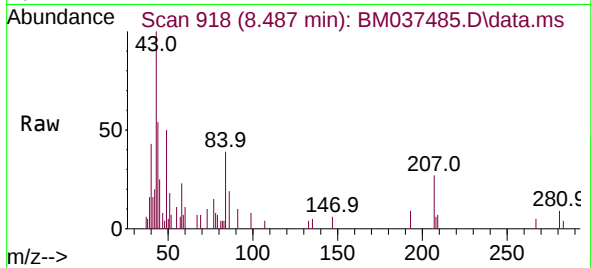




#20
3+4-Methylphenols
Concen: 0.003 ng
RT: 8.487 min Scan# 918
Delta R.T. -0.111 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

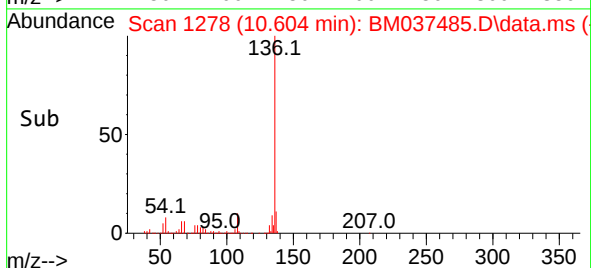
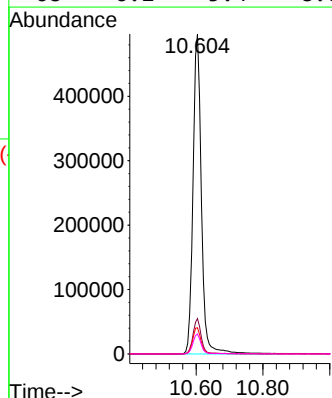
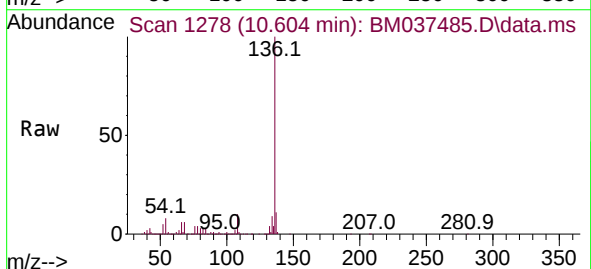
Instrument :
BNA_M
ClientSampleId :
TP-13

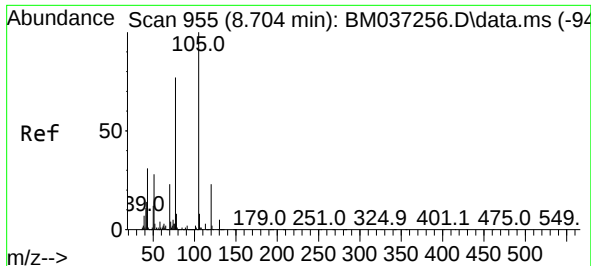
Tgt Ion:107 Resp: 55
Ion Ratio Lower Upper
107 100
108 0.0 69.4 109.4#
77 360.3 12.8 52.8#
79 162.2 8.4 48.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:136 Resp: 866449
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.2 7.0 10.4
68 6.2 5.4 8.0

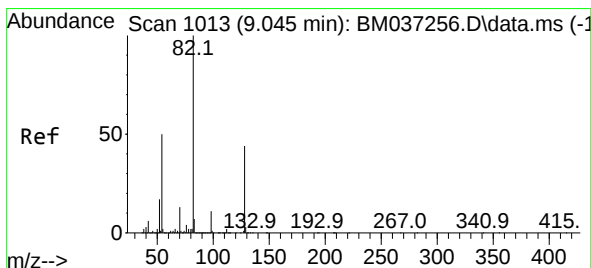
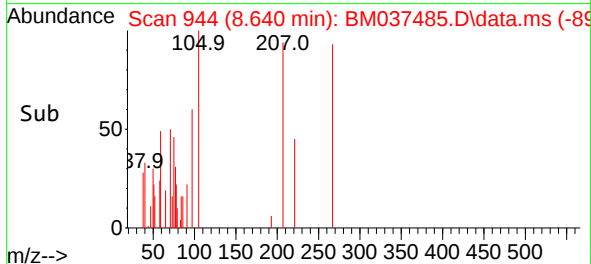
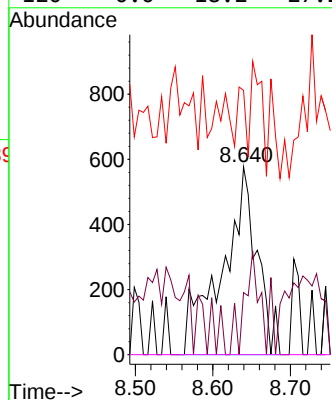
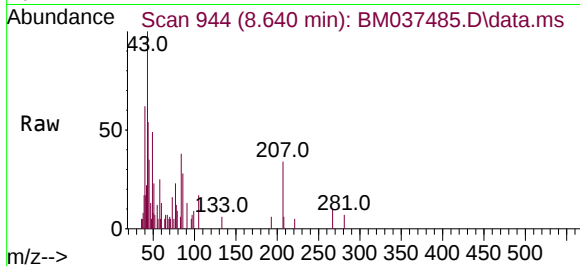




#22
Acetophenone
Concen: 0.081 ng
RT: 8.640 min Scan# 94
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

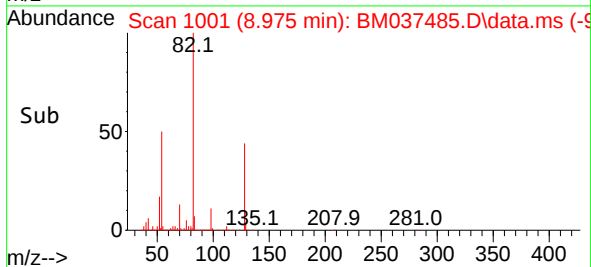
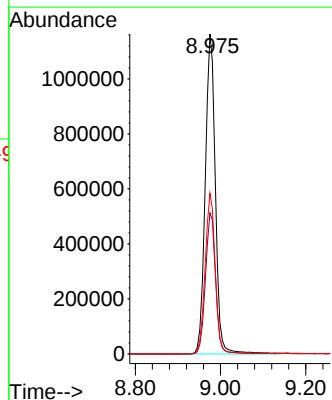
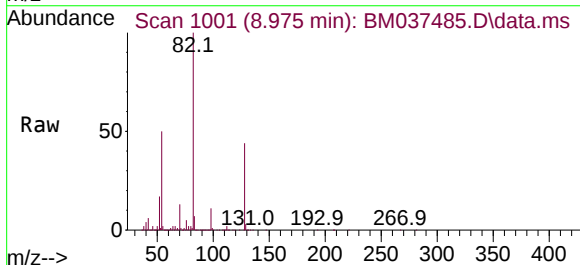
Instrument :
BNA_M
ClientSampleId :
TP-13

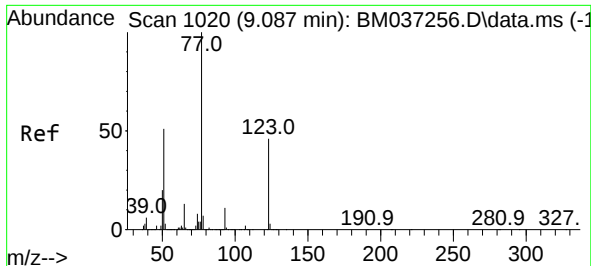
Tgt Ion:	105	Resp:	1813
Ion	Ratio	Lower	Upper
105	100		
71	33.1	3.0	4.4#
51	140.7	22.1	33.1#
120	0.0	18.2	27.2#



#23
Nitrobenzene-d5
Concen: 111.701 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:	82	Resp:	1918306
Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.2	52.8
54	50.2	40.4	60.6

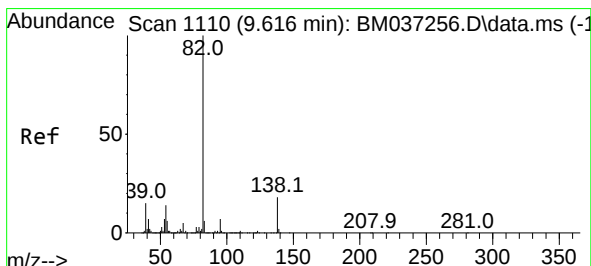
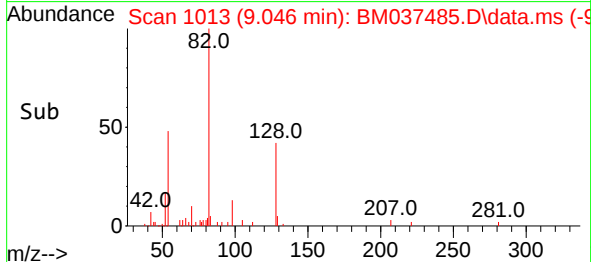
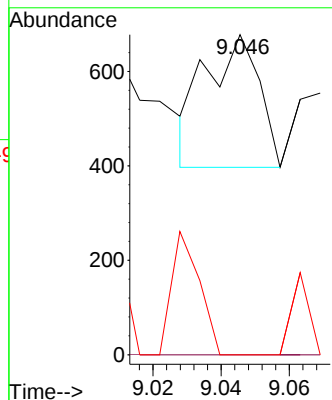
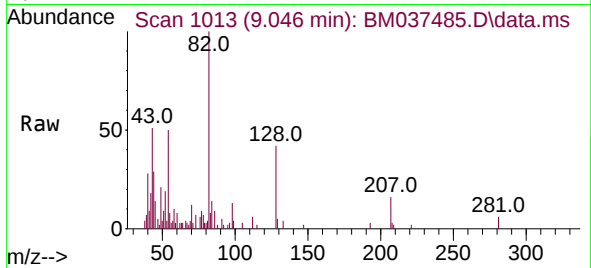




#24
Nitrobenzene
Concen: 0.017 ng
RT: 9.046 min Scan# 1013
Delta R.T. 0.024 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

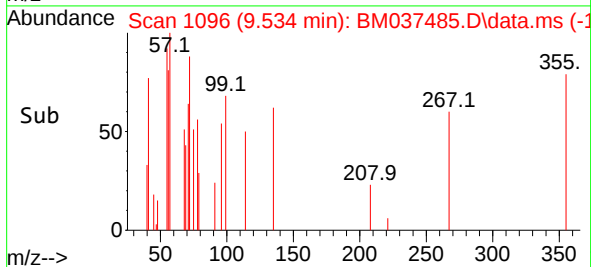
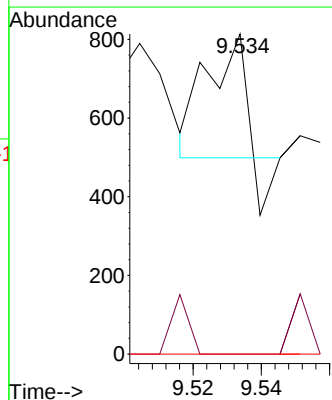
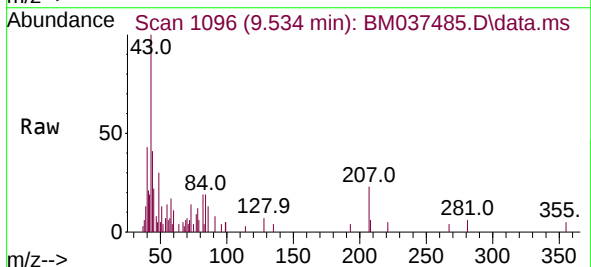
Instrument :
BNA_M
ClientSampleId :
TP-13

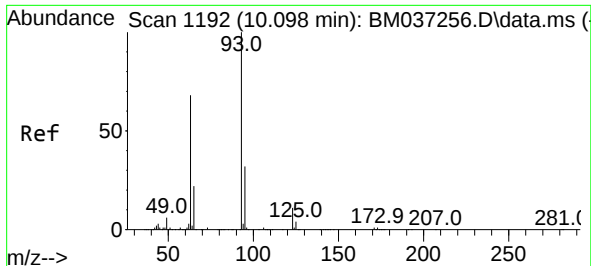
Tgt Ion: 77 Resp: 304
Ion Ratio Lower Upper
77 100
123 0.0 36.6 55.0#
65 0.0 10.6 16.0#



#25
Isophorone
Concen: 0.007 ng
RT: 9.534 min Scan# 1096
Delta R.T. -0.017 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion: 82 Resp: 207
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.2 21.4#

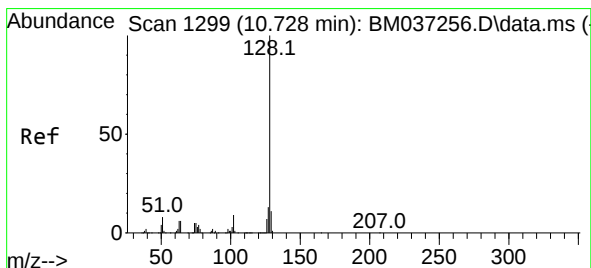
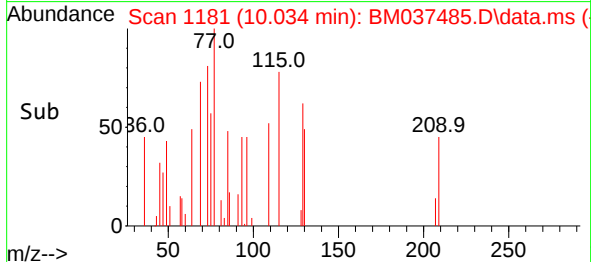
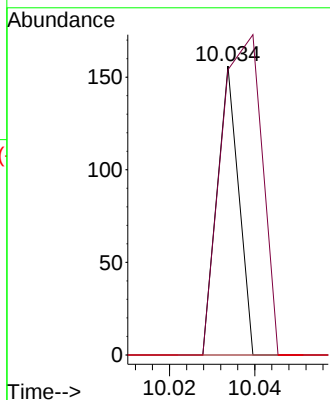
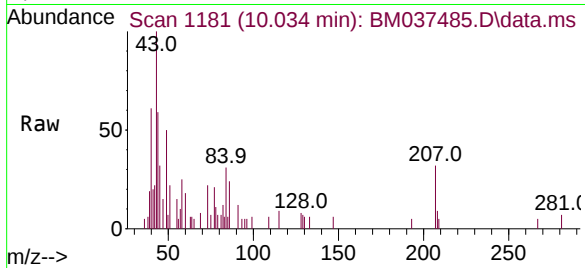




#28
bis(2-Chloroethoxy)methane
Concen: 0.003 ng
RT: 10.034 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

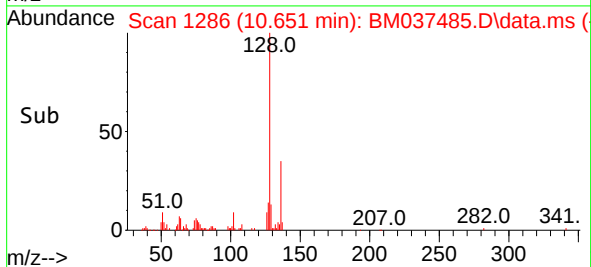
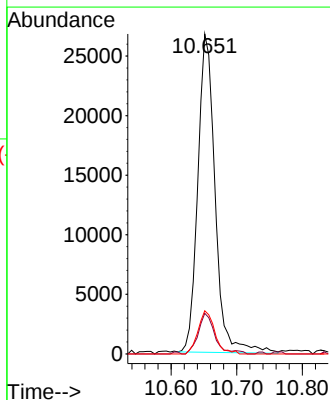
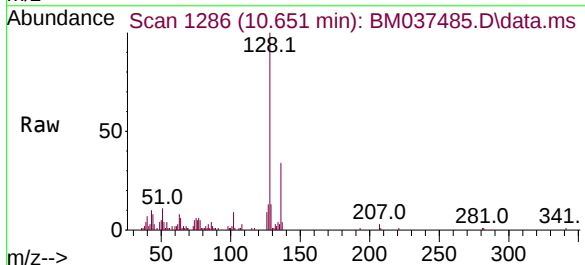
Instrument :
BNA_M
ClientSampleId :
TP-13

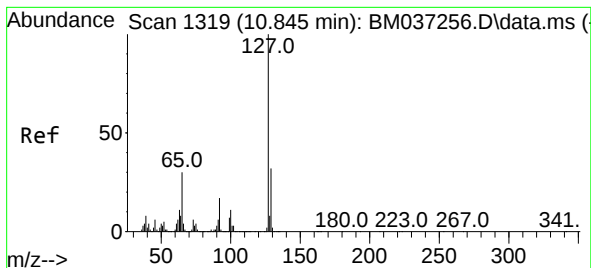
Tgt Ion: 93	Resp:	55
Ion Ratio	Lower	Upper
93	100	
95	98.7	25.8 38.8#
123	0.0	9.3 13.9#



#31
Naphthalene
Concen: 0.997 ng
RT: 10.651 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion: 128	Resp:	48957
Ion Ratio	Lower	Upper
128	100	
129	12.7	8.7 13.1
127	13.5	10.2 15.2





#33

4-Chloroaniline

Concen: 0.325 ng

RT: 10.651 min Scan# 11

Delta R.T. -0.135 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Instrument :

BNA_M

ClientSampleId :

TP-13

Tgt Ion:127 Resp: 6354

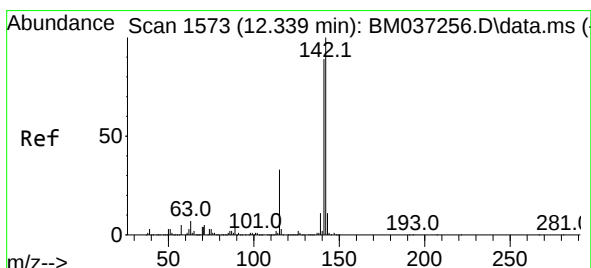
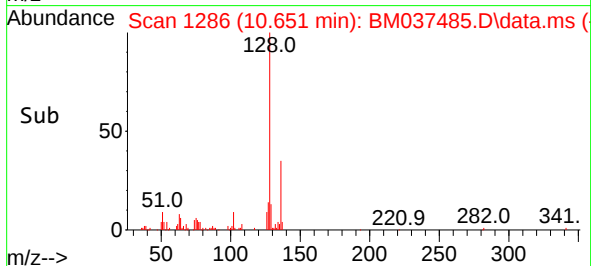
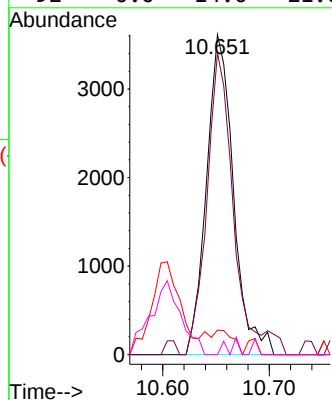
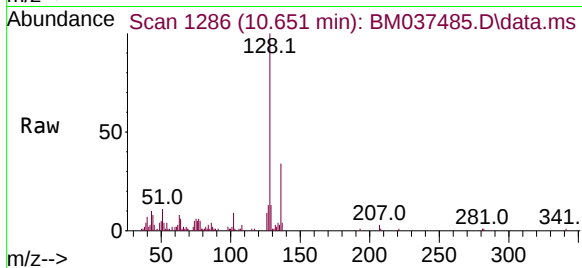
Ion Ratio Lower Upper

127 100

129 94.3 25.5 38.3#

65 7.6 24.0 36.0#

92 0.0 14.0 21.0#



#37

2-Methylnaphthalene

Concen: 0.178 ng

RT: 12.492 min Scan# 1599

Delta R.T. 0.218 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

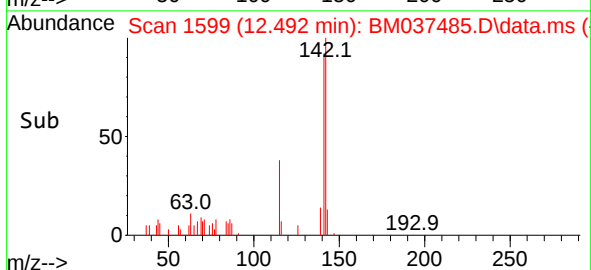
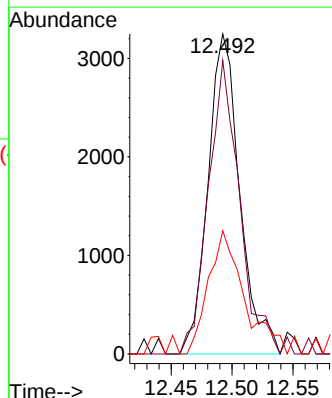
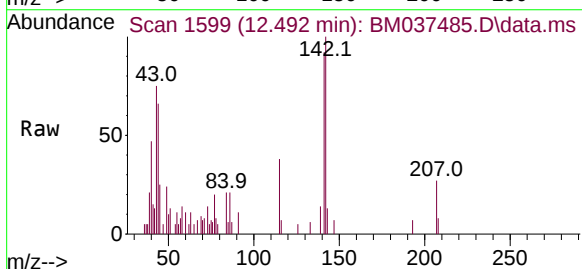
Tgt Ion:142 Resp: 5908

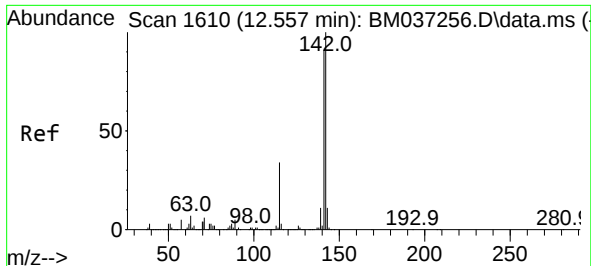
Ion Ratio Lower Upper

142 100

141 91.8 71.3 106.9

115 38.5 26.0 39.0

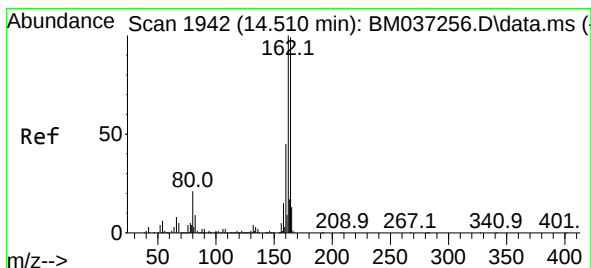
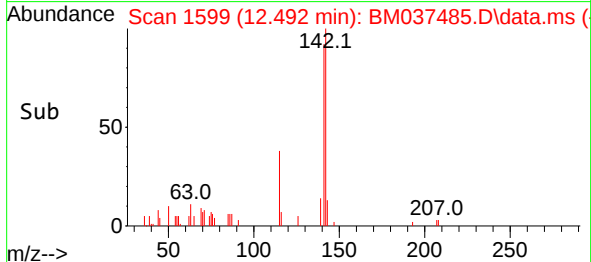
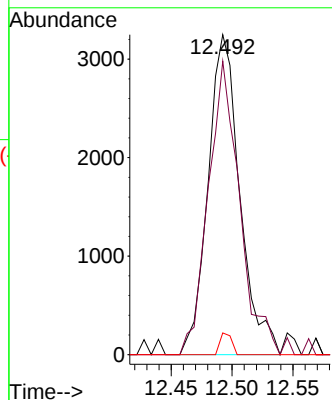
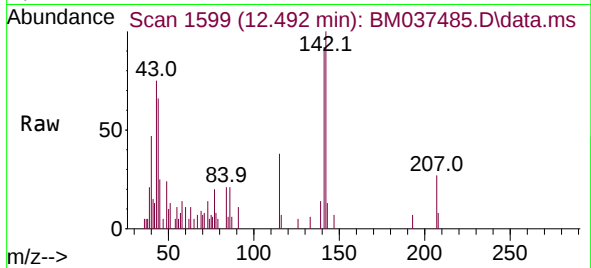




#38
1-Methylnaphthalene
Concen: 0.182 ng
RT: 12.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

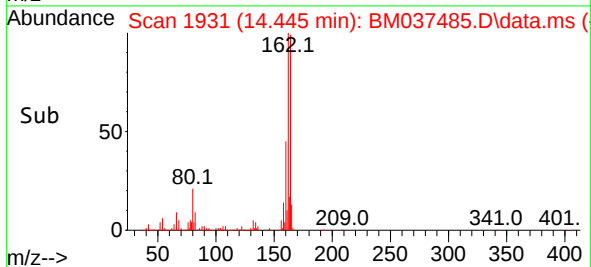
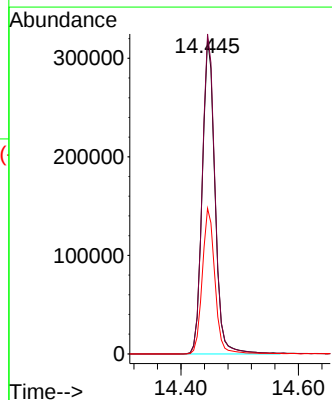
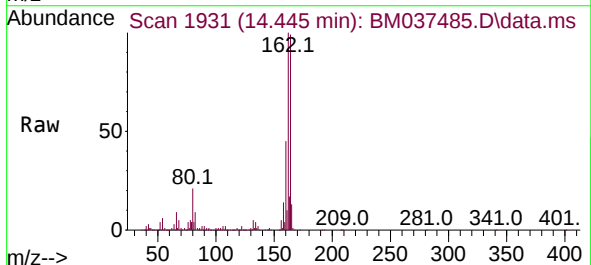
Instrument :
BNA_M
ClientSampleId :
TP-13

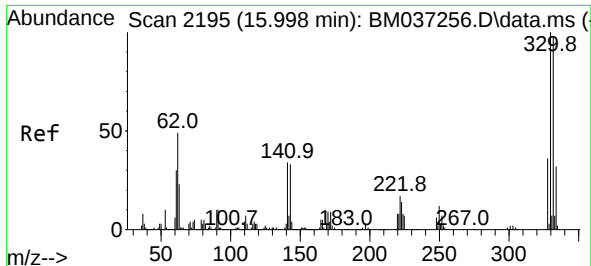
Tgt Ion:142 Resp: 5908
Ion Ratio Lower Upper
142 100
141 91.8 73.0 109.6
116 6.8 2.8 4.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:164 Resp: 479145
Ion Ratio Lower Upper
164 100
162 101.5 80.6 120.8
160 46.2 36.2 54.4

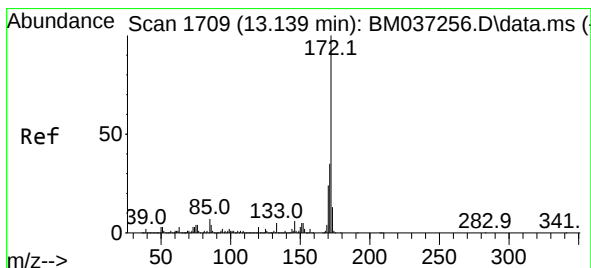
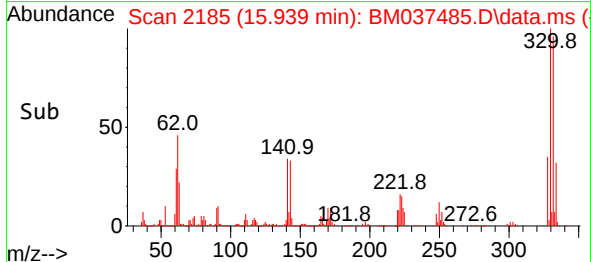
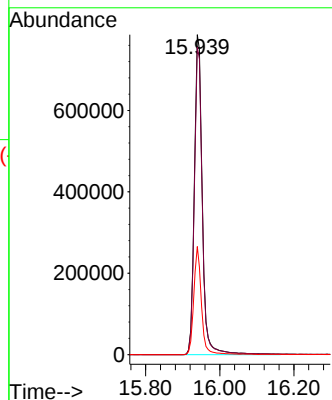
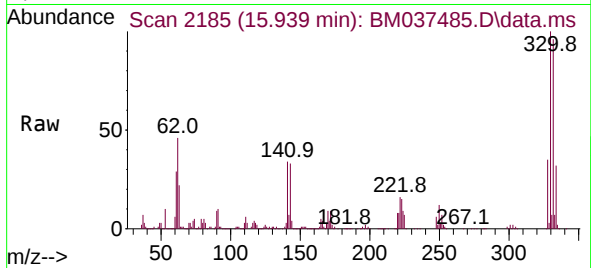




#42
2,4,6-Tribromophenol
Concen: 206.960 ng
RT: 15.939 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

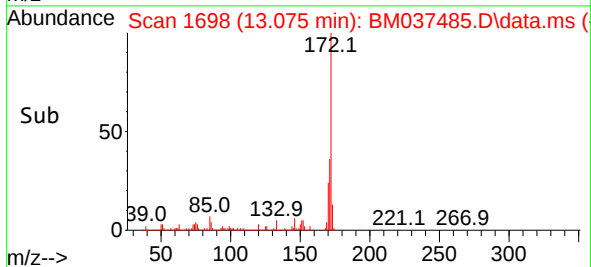
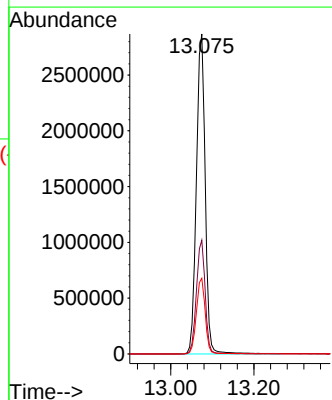
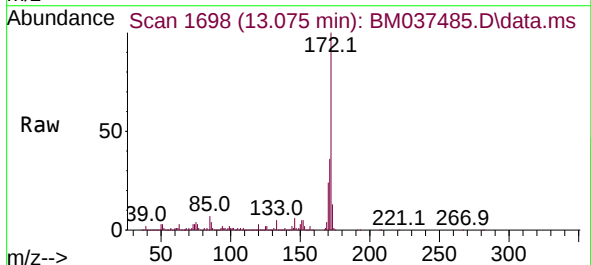
Instrument :
BNA_M
ClientSampleId :
TP-13

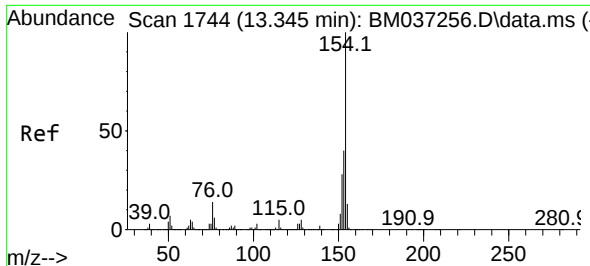
Tgt Ion:330 Resp: 1168616
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 32.5 27.5 41.3



#45
2-Fluorobiphenyl
Concen: 116.968 ng
RT: 13.075 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:172 Resp: 4218010
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.6 19.0 28.4

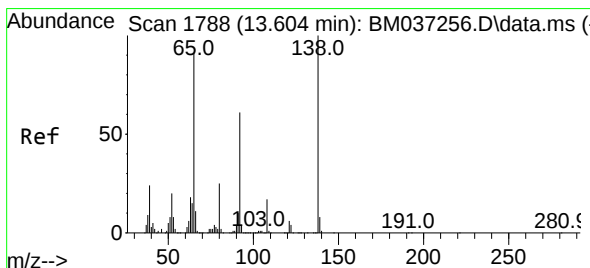
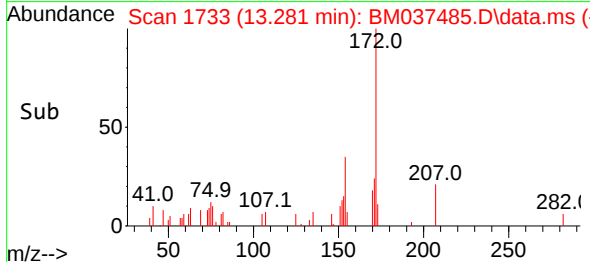
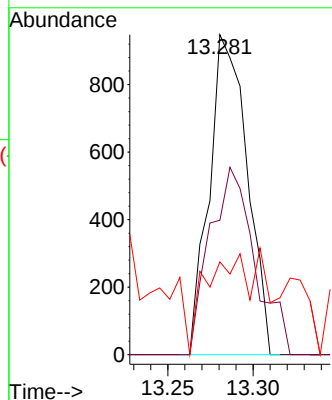
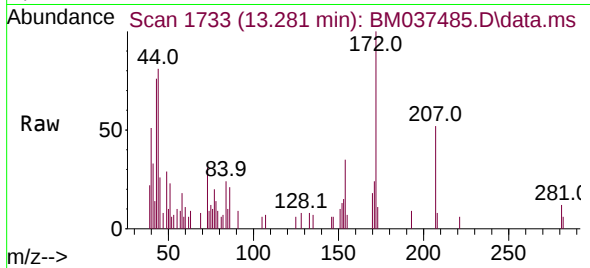




#46
1,1'-Biphenyl
Concen: 0.038 ng
RT: 13.281 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

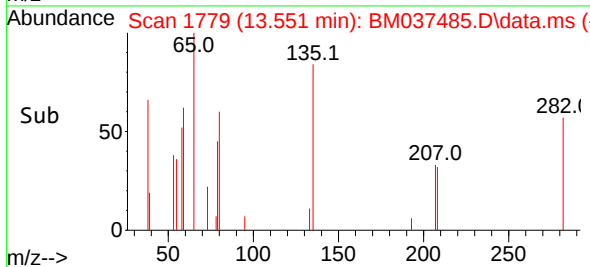
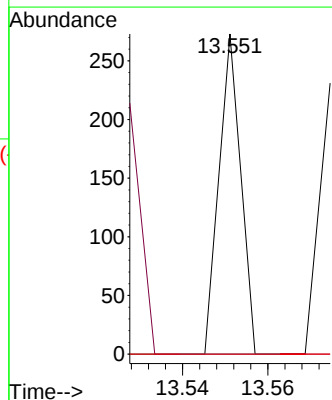
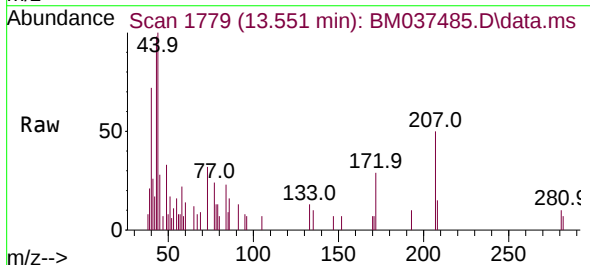
Instrument :
BNA_M
ClientSampleId :
TP-13

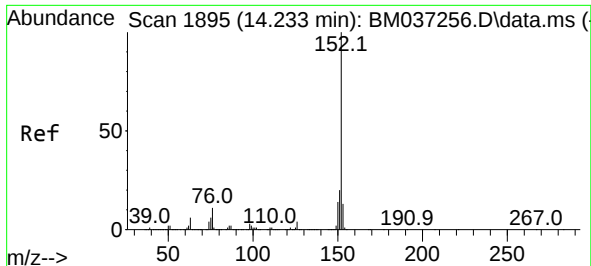
Tgt Ion:154 Resp: 1462
Ion Ratio Lower Upper
154 100
153 42.0 20.3 60.3
76 29.0 0.0 33.7



#48
2-Nitroaniline
Concen: 0.011 ng
RT: 13.551 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion: 65 Resp: 96
Ion Ratio Lower Upper
65 100
92 0.0 53.7 80.5#
138 0.0 87.4 131.2#

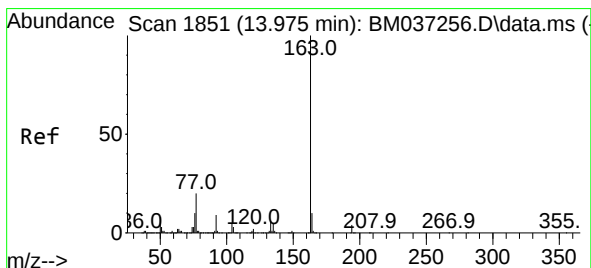
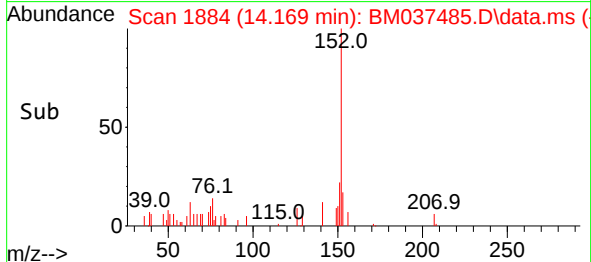
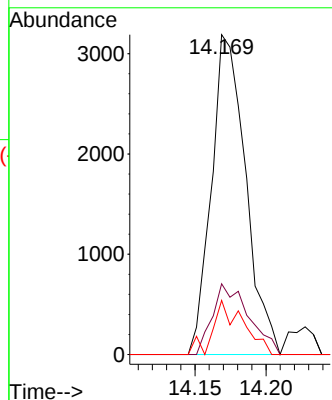
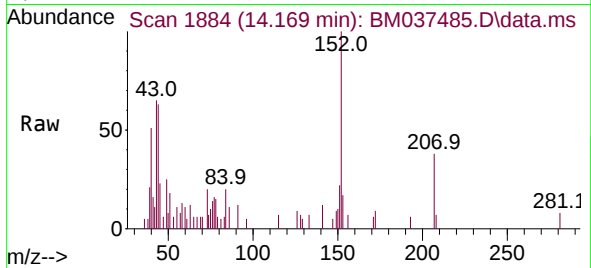




#49
Acenaphthylene
Concen: 0.112 ng
RT: 14.169 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

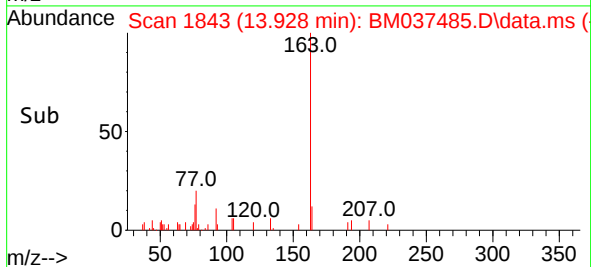
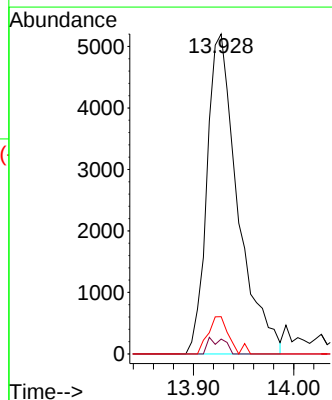
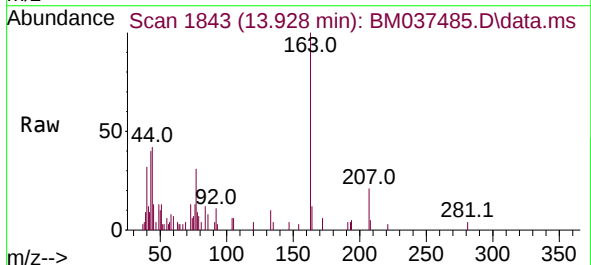
Instrument :
BNA_M
ClientSampleId :
TP-13

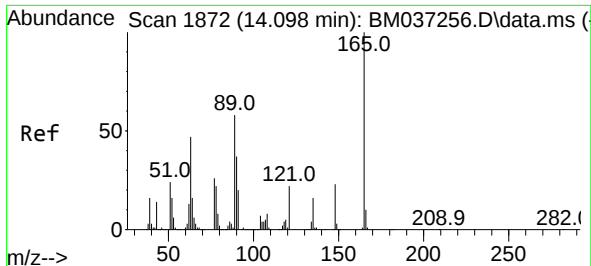
Tgt Ion:152 Resp: 5334
Ion Ratio Lower Upper
152 100
151 22.1 16.0 24.0
153 16.9 10.6 15.8#



#50
Dimethylphthalate
Concen: 0.303 ng
RT: 13.928 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:163 Resp: 11091
Ion Ratio Lower Upper
163 100
194 4.6 3.0 4.6#
164 11.6 8.2 12.2

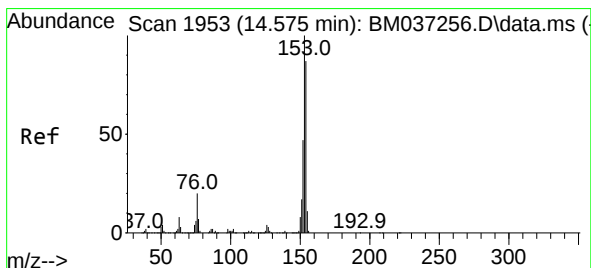
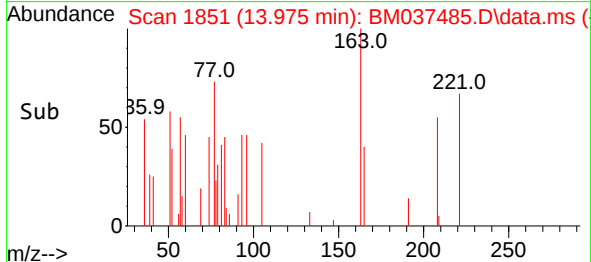
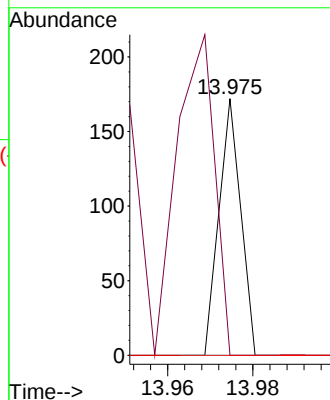
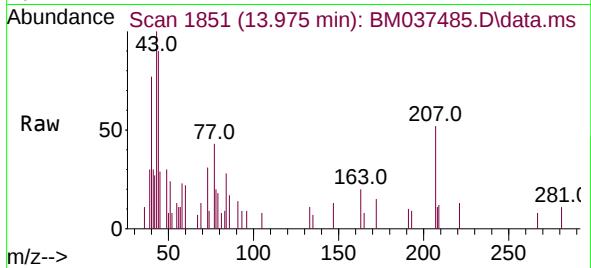




#51
2,6-Dinitrotoluene
Concen: 0.008 ng
RT: 13.975 min Scan# 1872
Delta R.T. -0.076 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

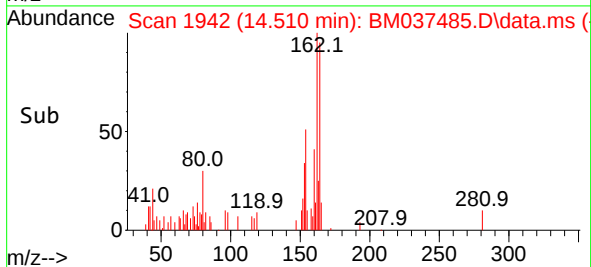
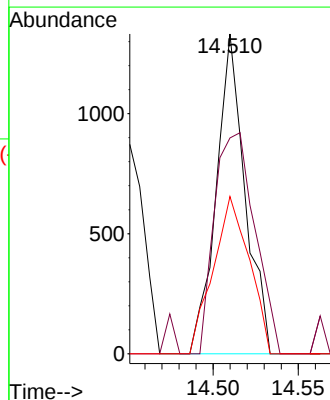
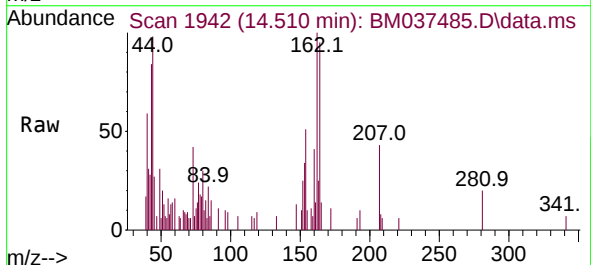
Instrument :
BNA_M
ClientSampleId :
TP-13

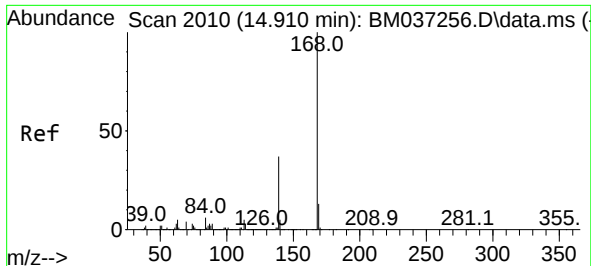
Tgt Ion:165 Resp: 61
Ion Ratio Lower Upper
165 100
63 0.0 46.2 69.2#
89 0.0 46.6 69.8#



#52
Acenaphthene
Concen: 0.053 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:154 Resp: 1566
Ion Ratio Lower Upper
154 100
153 67.5 91.5 137.3#
152 49.2 43.0 64.6

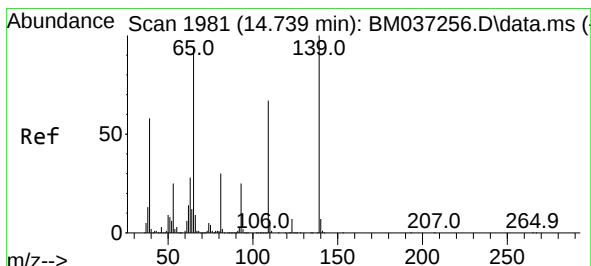
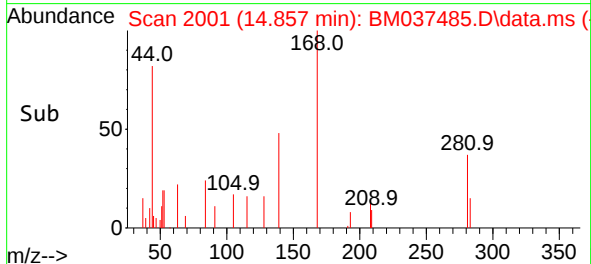
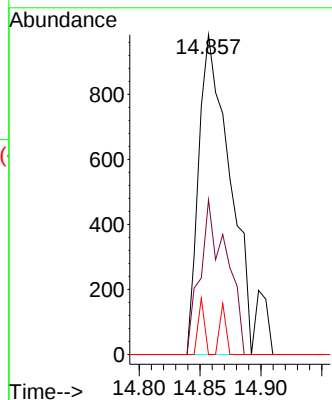
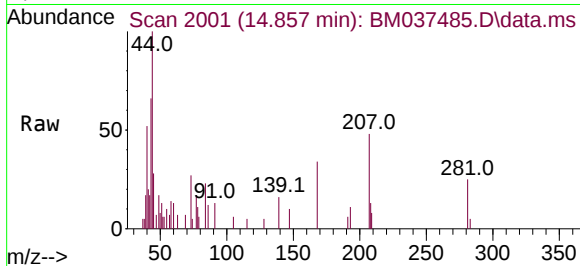




#55
Dibenzenofuran
Concen: 0.041 ng
RT: 14.857 min Scan# 2001
Delta R.T. 0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

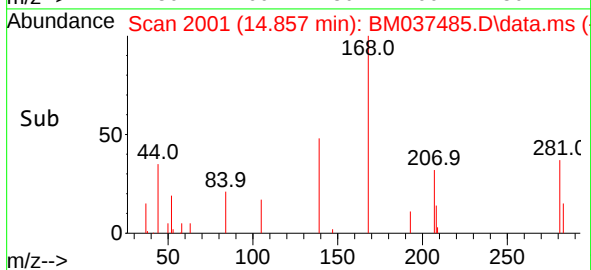
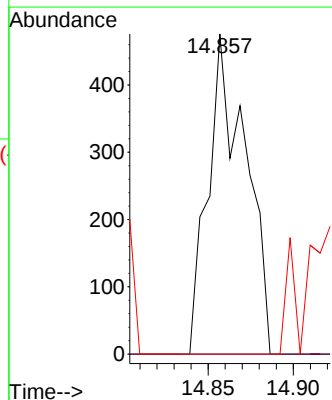
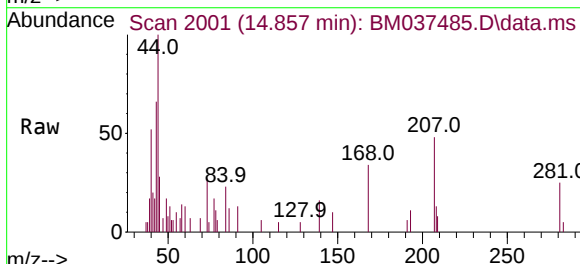
Instrument :
BNA_M
ClientSampleId :
TP-13

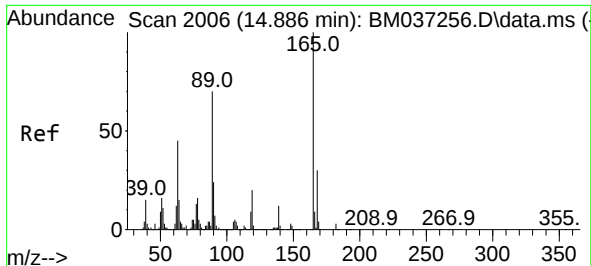
Tgt Ion:168 Resp: 1862
Ion Ratio Lower Upper
168 100
139 48.4 29.3 43.9#
169 0.0 10.6 16.0#



#56
4-Nitrophenol
Concen: 0.105 ng
RT: 14.857 min Scan# 2001
Delta R.T. 0.153 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:139 Resp: 724
Ion Ratio Lower Upper
139 100
109 0.0 47.4 87.4#
65 0.0 73.8 113.8#

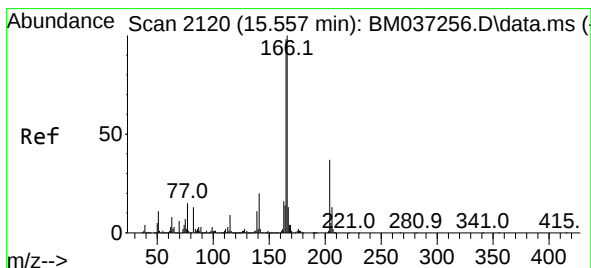
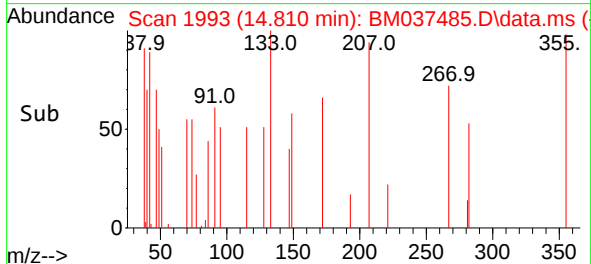
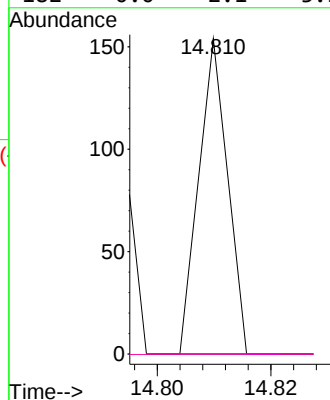
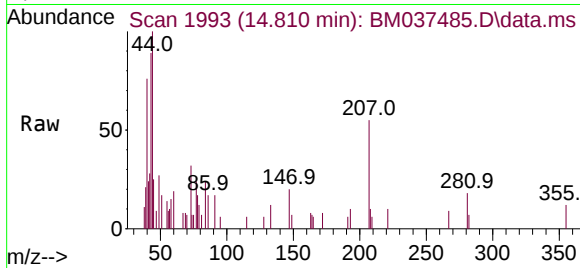




#57
2,4-Dinitrotoluene
Concen: 0.005 ng
RT: 14.810 min Scan# 19
Delta R.T. -0.029 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

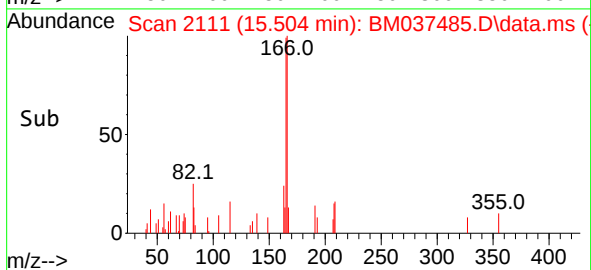
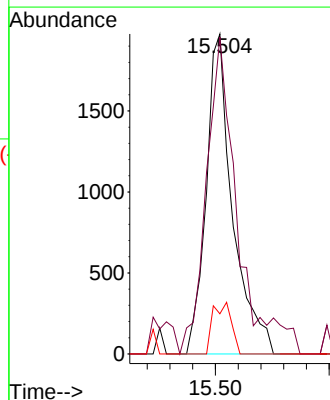
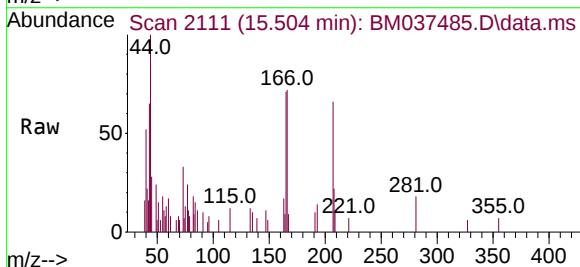
Instrument :
BNA_M
ClientSampleId :
TP-13

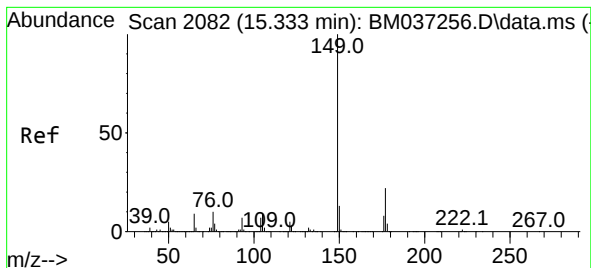
Tgt Ion:165 Resp: 54
Ion Ratio Lower Upper
165 100
63 0.0 36.3 54.5#
89 0.0 56.3 84.5#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 0.084 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:166 Resp: 3196
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.4
167 12.6 10.6 15.8





#60

Diethylphthalate

Concen: 0.085 ng

RT: 15.275 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Instrument :

BNA_M

ClientSampleId :

TP-13

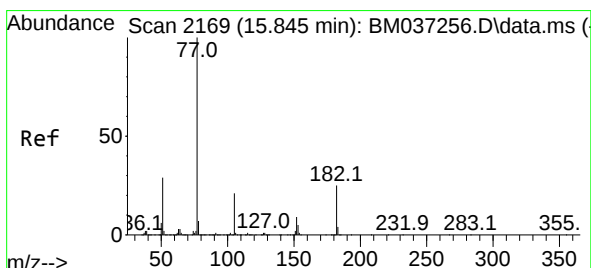
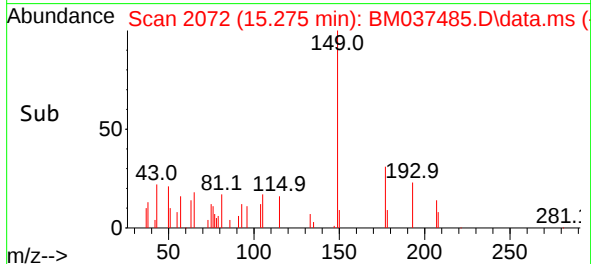
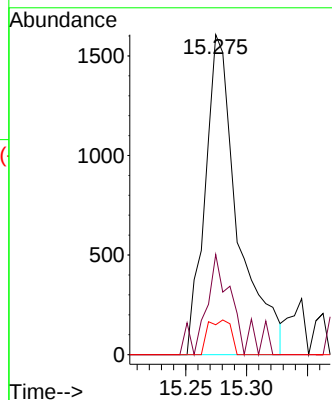
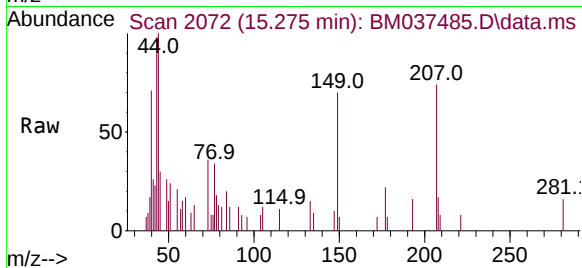
Tgt Ion:149 Resp: 3009

Ion Ratio Lower Upper

149 100

177 31.3 17.4 26.0#

150 9.3 10.0 15.0#



#63

Azobenzene

Concen: 0.016 ng

RT: 15.798 min Scan# 2161

Delta R.T. 0.006 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Tgt Ion: 77 Resp: 576

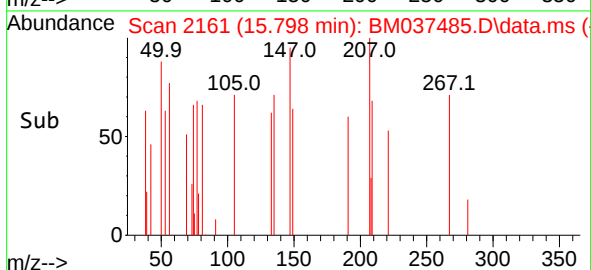
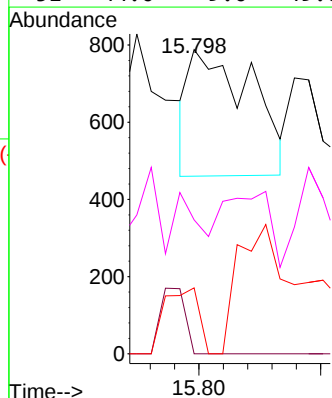
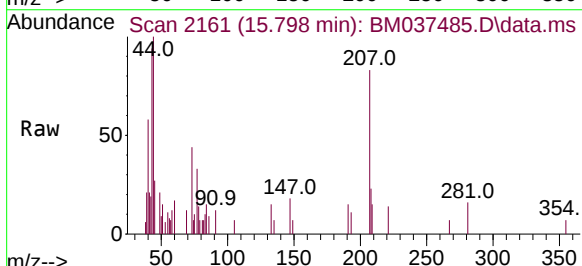
Ion Ratio Lower Upper

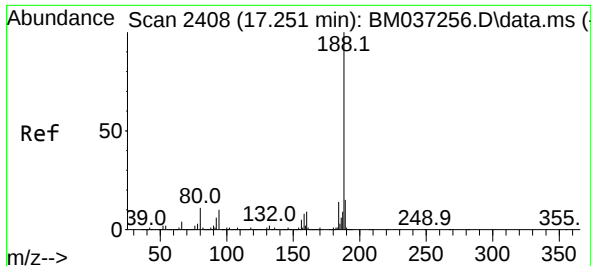
77 100

182 0.0 5.1 45.1#

105 21.7 0.5 40.5

51 44.0 9.0 49.0

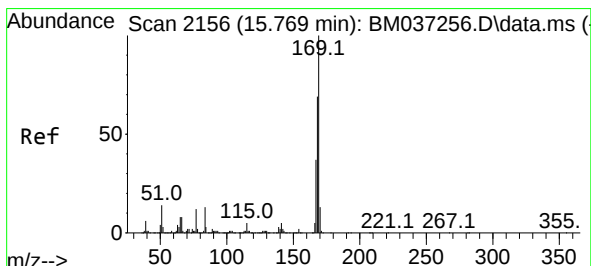
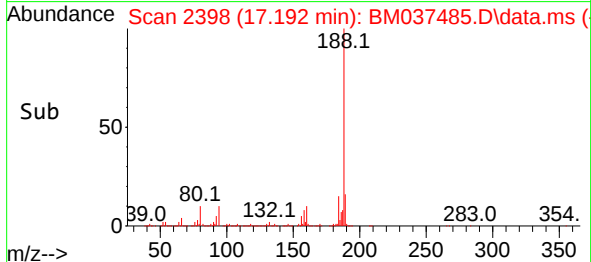
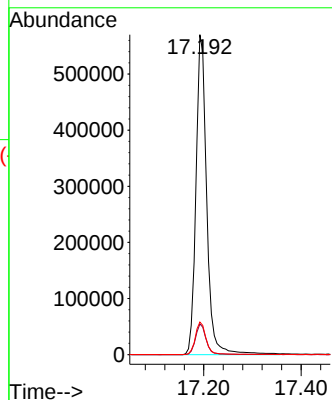
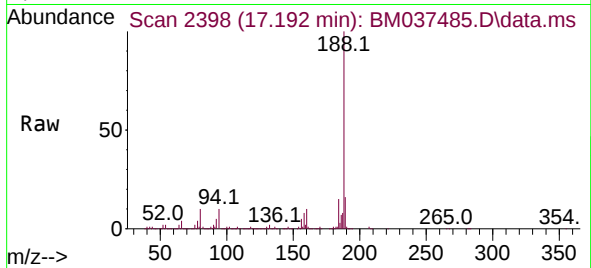




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

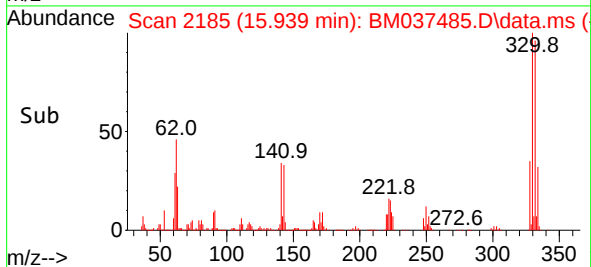
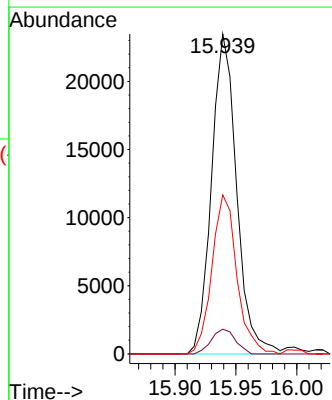
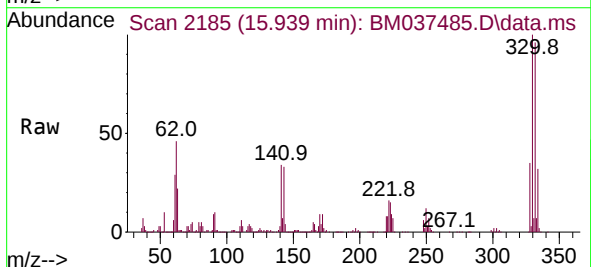
Instrument :
BNA_M
ClientSampleId :
TP-13

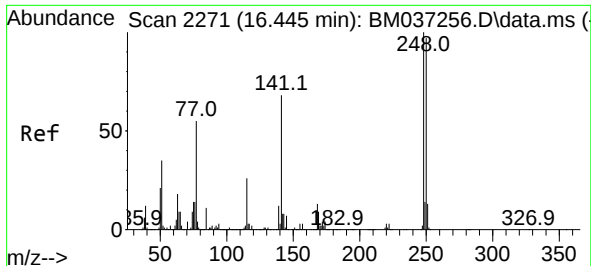
Tgt Ion:188 Resp: 869918
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.2 8.5 12.7



#66
n-Nitrosodiphenylamine
Concen: 1.145 ng
RT: 15.939 min Scan# 2185
Delta R.T. 0.224 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:169 Resp: 33655
Ion Ratio Lower Upper
169 100
168 7.7 54.8 82.2#
167 49.7 29.5 44.3#

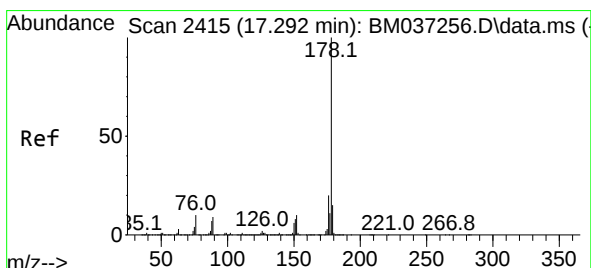
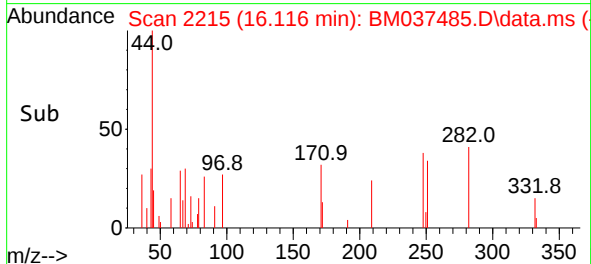
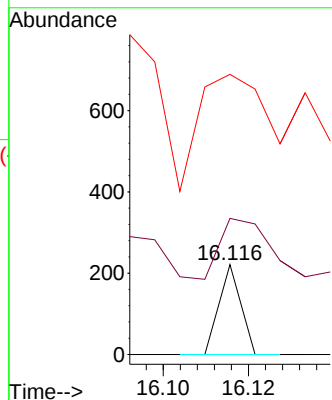
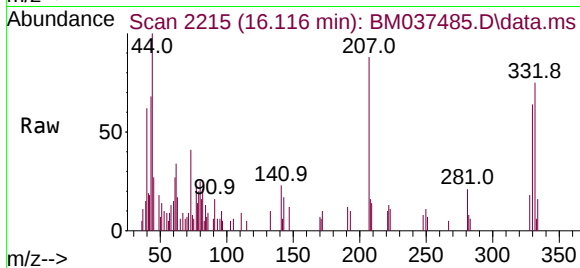




#67
4-Bromophenyl-phenylether
Concen: 0.008 ng
RT: 16.116 min Scan# 21
Delta R.T. -0.276 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

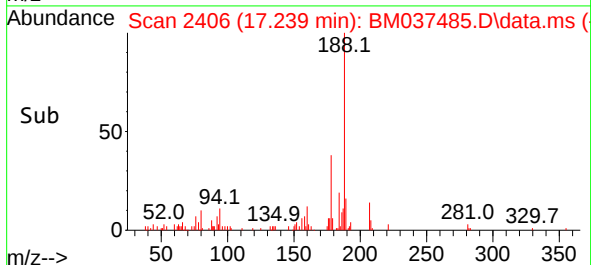
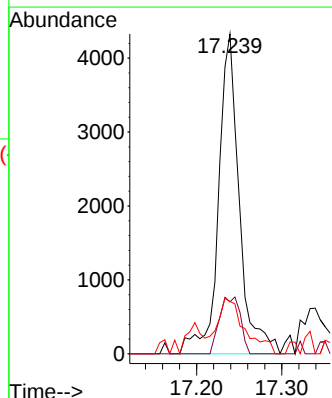
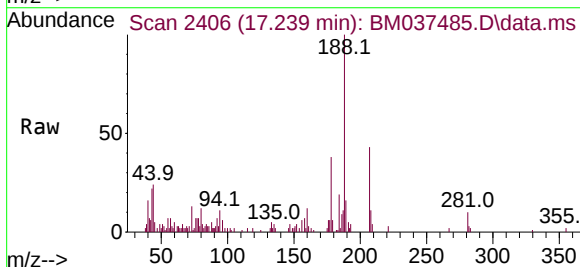
Instrument :
BNA_M
ClientSampleId :
TP-13

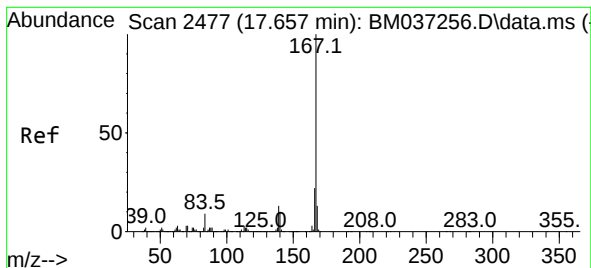
Tgt Ion:248 Resp: 78
Ion Ratio Lower Upper
248 100
250 151.6 77.8 116.6#
141 311.8 54.2 81.2#



#71
Phenanthrene
Concen: 0.136 ng
RT: 17.239 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:178 Resp: 7359
Ion Ratio Lower Upper
178 100
176 16.3 15.6 23.4
179 16.4 12.4 18.6





#73

Carbazole

Concen: 0.012 ng

RT: 17.645 min Scan# 24

Delta R.T. 0.036 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Instrument :

BNA_M

ClientSampleId :

TP-13

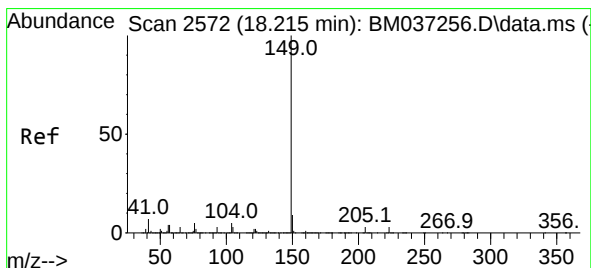
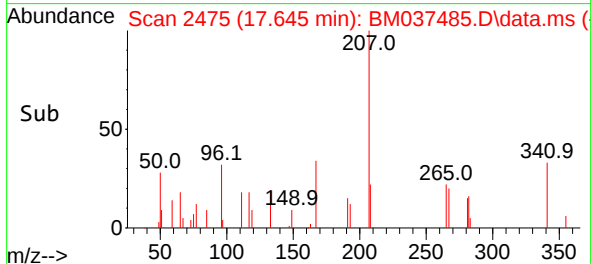
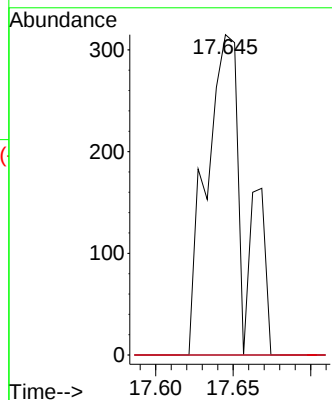
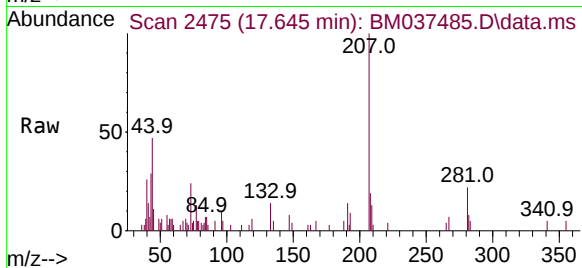
Tgt Ion:167 Resp: 545

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: 0.136 ng

RT: 18.168 min Scan# 2564

Delta R.T. 0.000 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

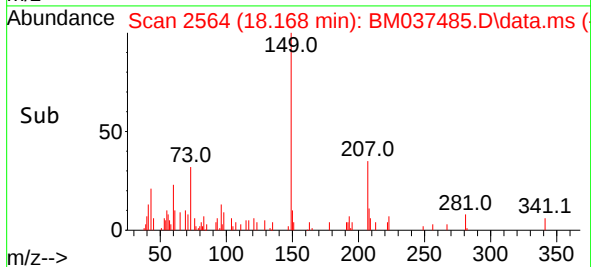
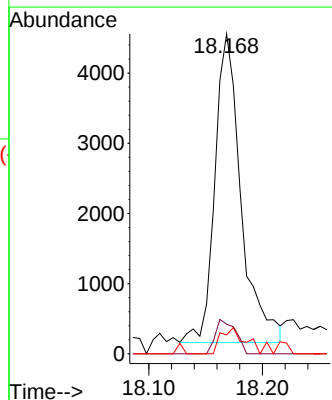
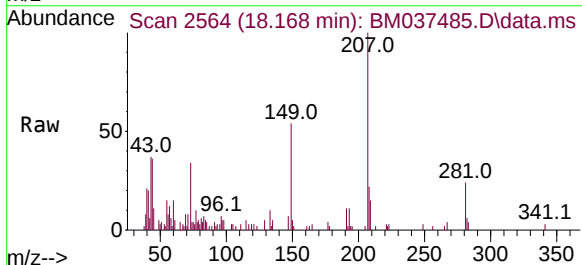
Tgt Ion:149 Resp: 7041

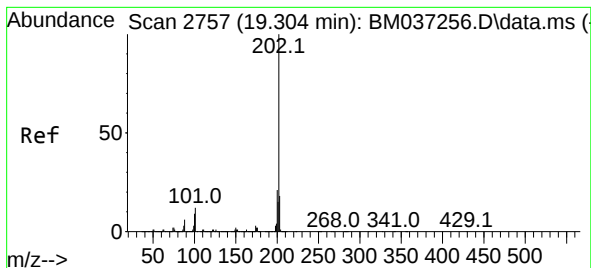
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.9 4.0 6.0

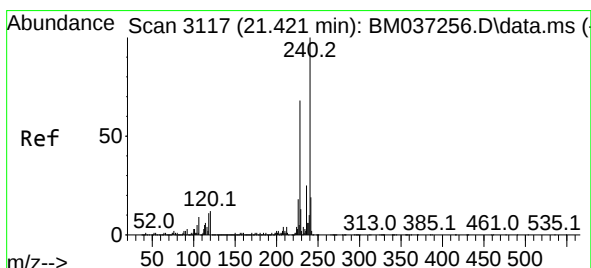
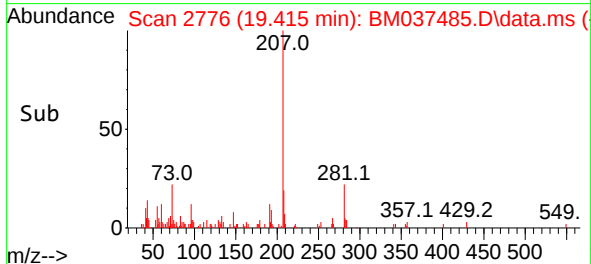
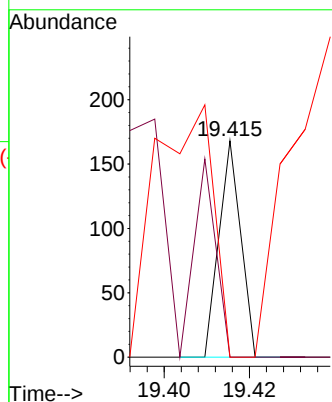
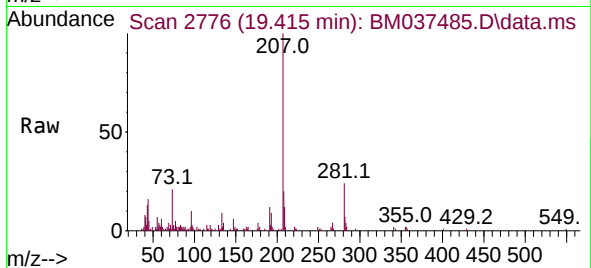




#75
Fluoranthene
Concen: 0.001 ng
RT: 19.415 min Scan# 21
Delta R.T. 0.159 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

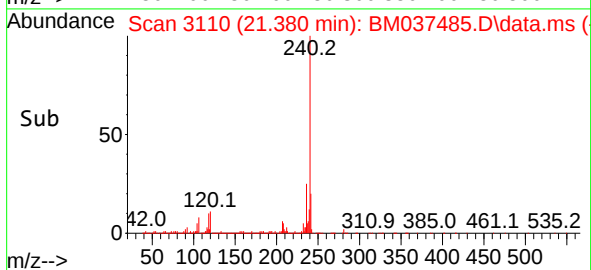
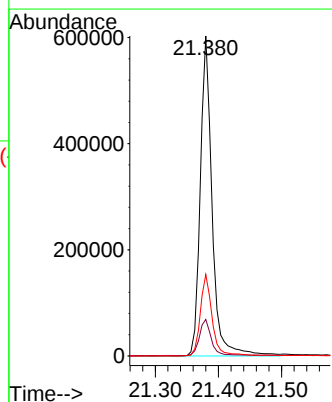
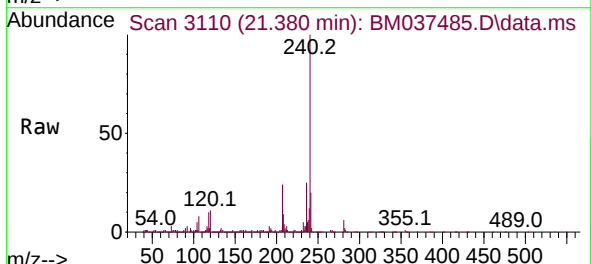
Instrument :
BNA_M
ClientSampleId :
TP-13

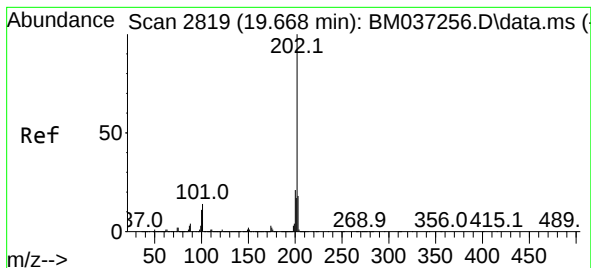
Tgt Ion:	202	Resp:	59
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	32.4
203	0.0	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:	240	Resp:	785809
Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.9	14.9
236	25.5	20.3	30.5





#78

Pyrene

Concen: 0.026 ng

RT: 19.627 min Scan# 2812

Delta R.T. 0.006 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Instrument :

BNA_M

ClientSampleId :

TP-13

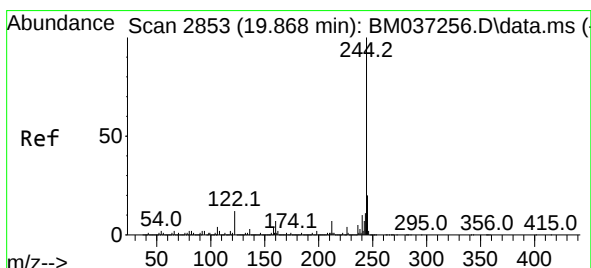
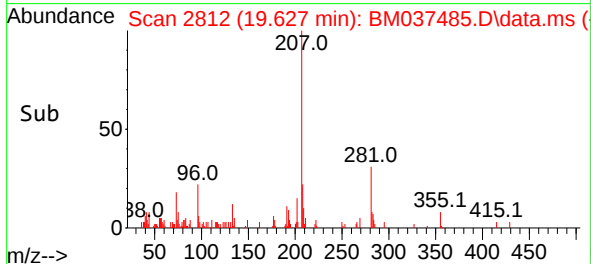
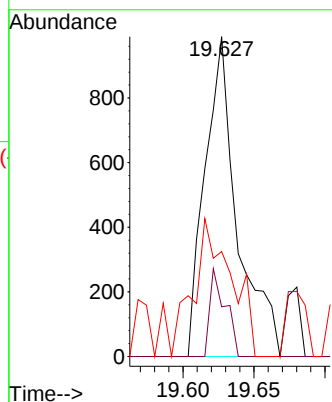
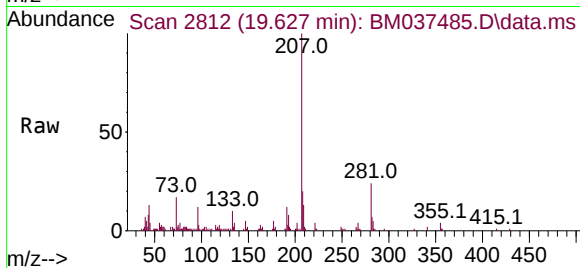
Tgt Ion:202 Resp: 1568

Ion Ratio Lower Upper

202 100

200 15.6 17.0 25.6#

203 32.8 14.1 21.1#



#79

Terphenyl-d14

Concen: 134.497 ng

RT: 19.821 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

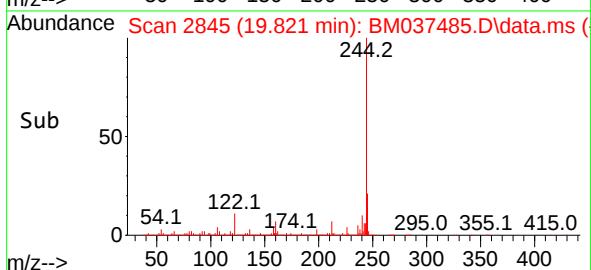
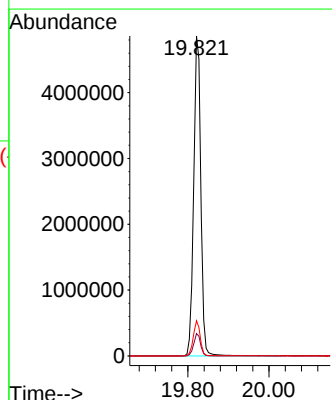
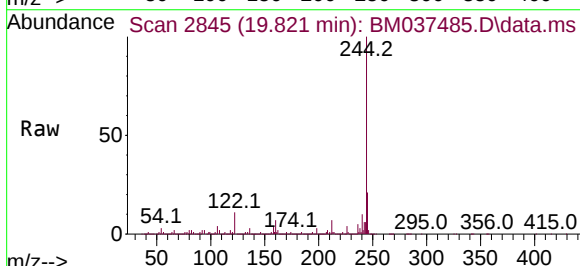
Tgt Ion:244 Resp: 5893645

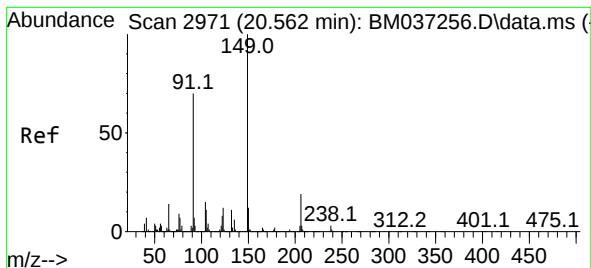
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.0 9.4 14.2





#80

Butylbenzylphthalate

Concen: 0.014 ng

RT: 20.515 min Scan# 29

Delta R.T. -0.006 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Instrument :

BNA_M

ClientSampleId :

TP-13

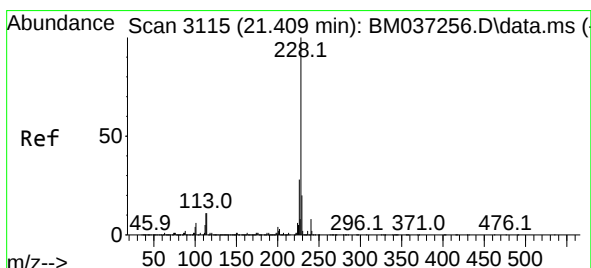
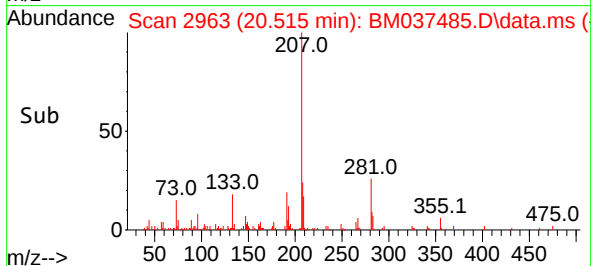
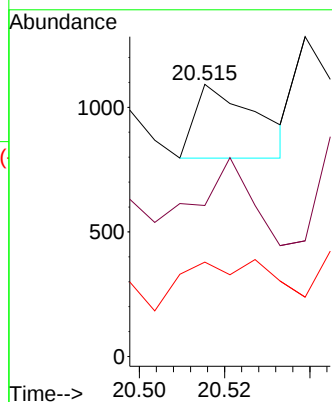
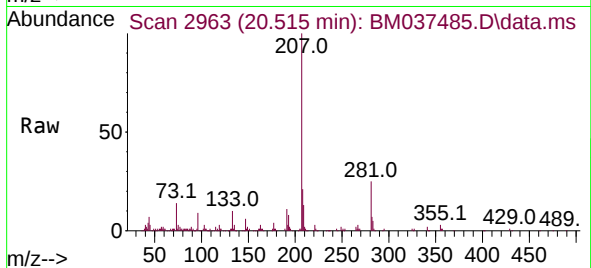
Tgt Ion:149 Resp: 295

Ion Ratio Lower Upper

149 100

91 55.5 56.2 84.4#

206 34.7 15.4 23.0#



#81

Benzo(a)anthracene

Concen: 0.065 ng

RT: 21.380 min Scan# 3110

Delta R.T. 0.012 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

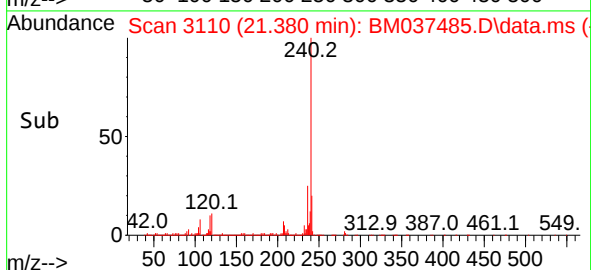
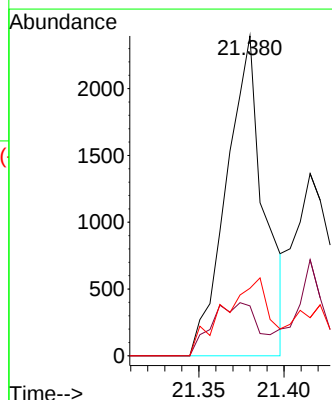
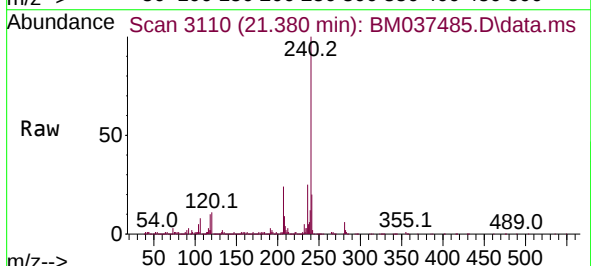
Tgt Ion:228 Resp: 3648

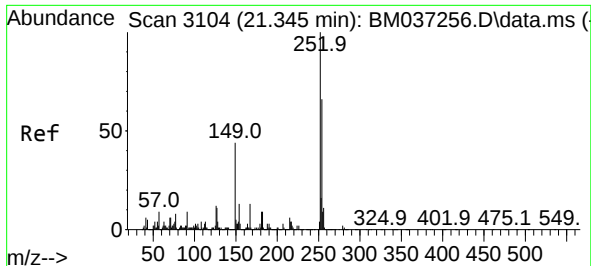
Ion Ratio Lower Upper

228 100

226 15.6 22.3 33.5#

229 21.1 16.2 24.2

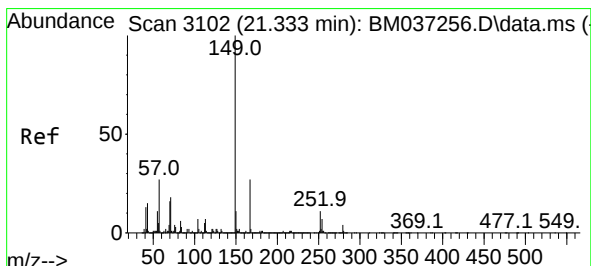
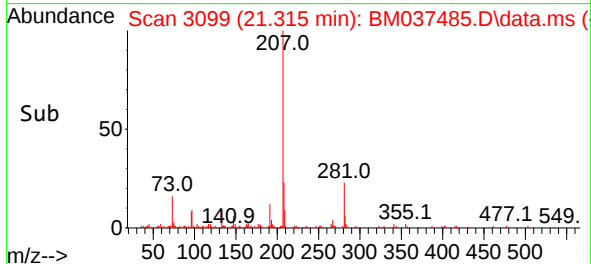
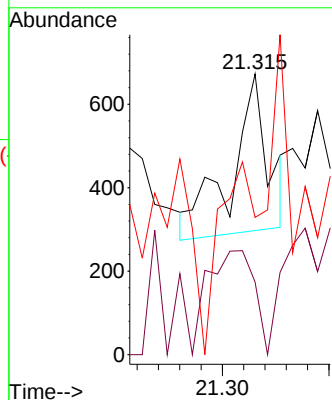
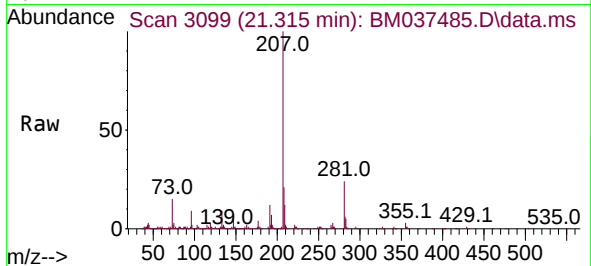




#82
 3,3'-Dichlorobenzidine
 Concen: 0.028 ng
 RT: 21.315 min Scan# 3099
 Delta R.T. 0.006 min
 Lab File: BM037485.D
 Acq: 12 Nov 2022 02:09

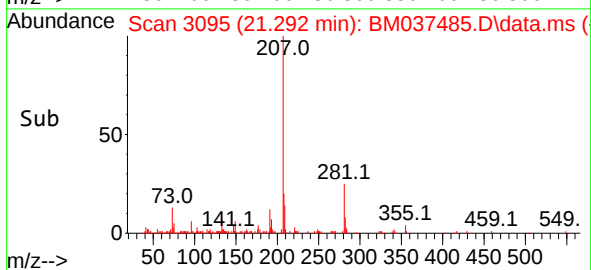
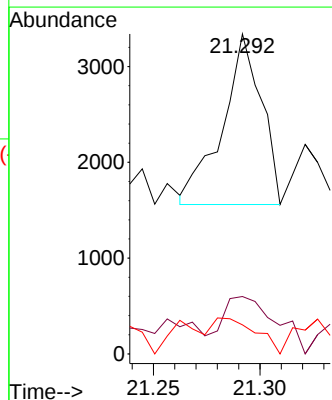
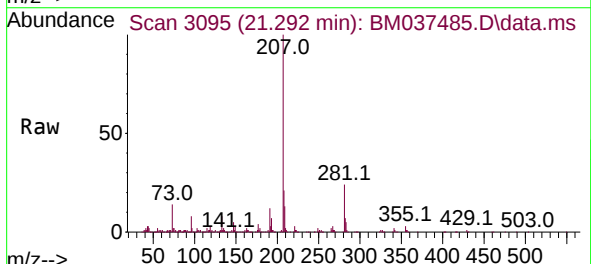
Instrument :
 BNA_M
 ClientSampleId :
 TP-13

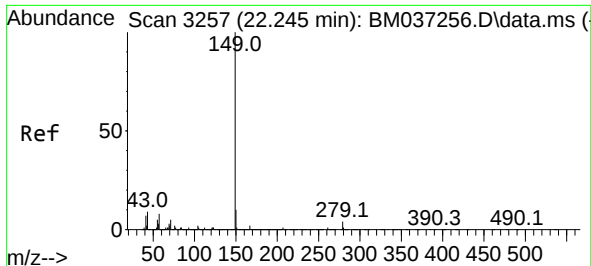
Tgt Ion:252 Resp: 453
 Ion Ratio Lower Upper
 252 100
 254 25.9 52.7 79.1#
 126 48.9 9.8 14.6#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.078 ng
 RT: 21.292 min Scan# 3095
 Delta R.T. -0.006 min
 Lab File: BM037485.D
 Acq: 12 Nov 2022 02:09

Tgt Ion:149 Resp: 2266
 Ion Ratio Lower Upper
 149 100
 167 17.9 21.2 31.8#
 279 9.1 3.1 4.7#

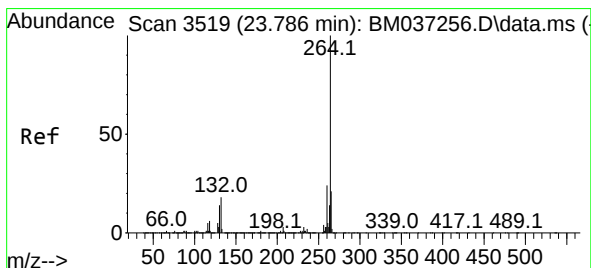
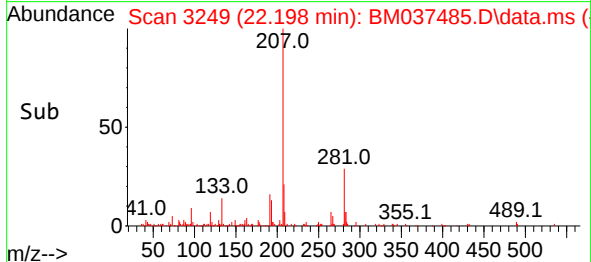
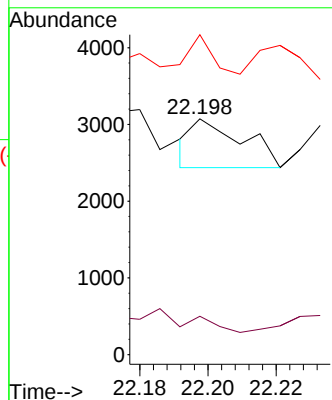
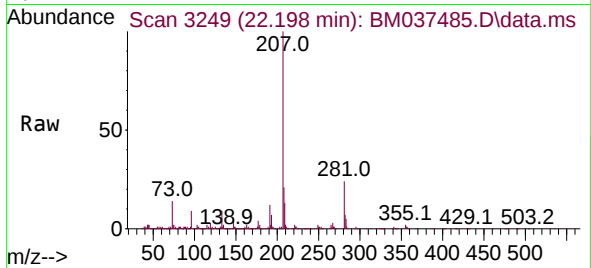




#85
Di-n-octyl phthalate
Concen: 0.014 ng
RT: 22.198 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

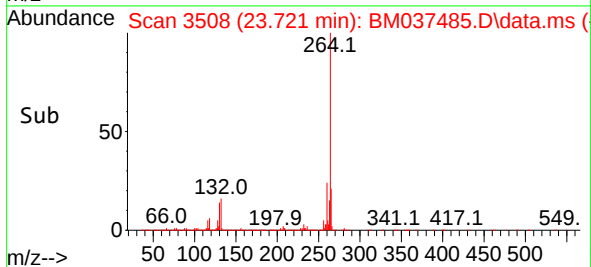
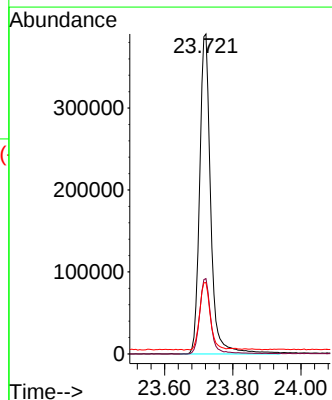
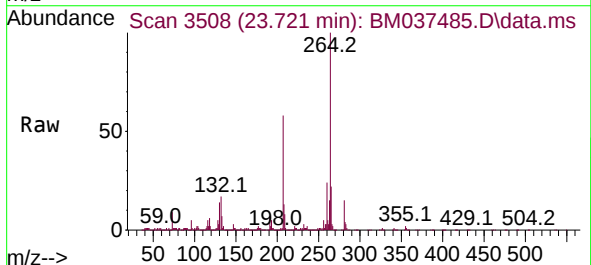
Instrument :
BNA_M
ClientSampleId :
TP-13

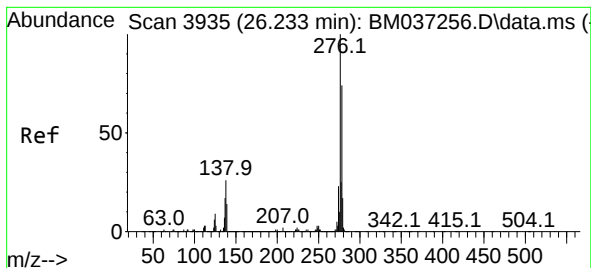
Tgt Ion:149 Resp: 655
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 38.9 8.0 12.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3508
Delta R.T. 0.000 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:264 Resp: 880953
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 22.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 0.016 ng

RT: 26.150 min Scan# 3935

Delta R.T. 0.006 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Instrument :

BNA_M

ClientSampleId :

TP-13

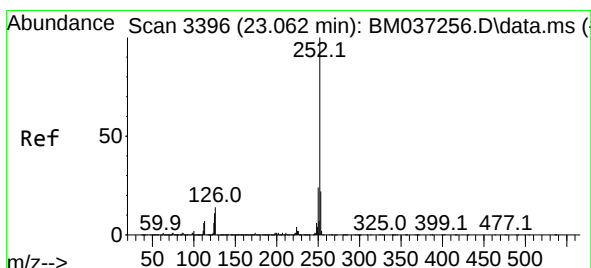
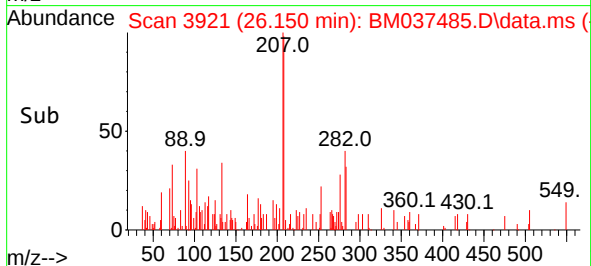
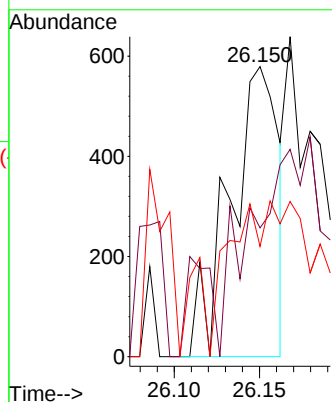
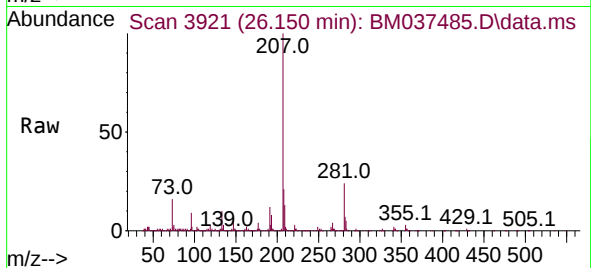
Tgt Ion:276 Resp: 1128

Ion Ratio Lower Upper

276 100

138 0.0 21.5 32.3#

277 37.4 20.1 30.1#



#88

Benzo(b)fluoranthene

Concen: 0.033 ng

RT: 23.015 min Scan# 3388

Delta R.T. 0.000 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

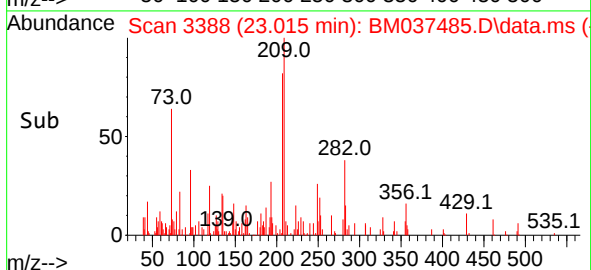
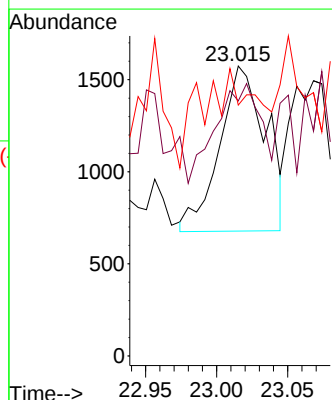
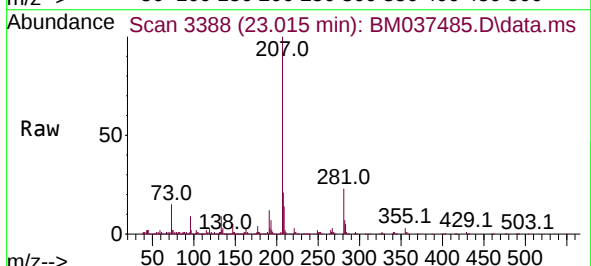
Tgt Ion:252 Resp: 2033

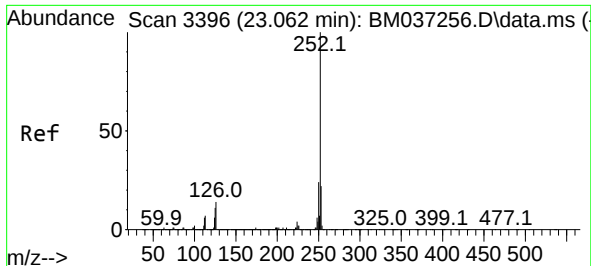
Ion Ratio Lower Upper

252 100

253 88.0 17.8 26.6#

125 86.5 9.1 13.7#

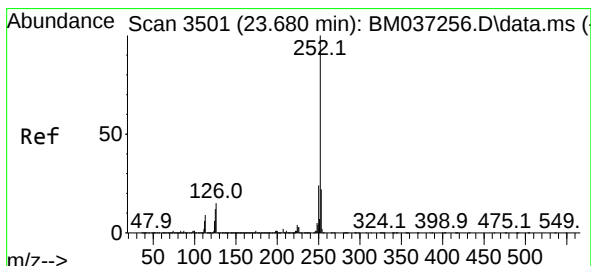
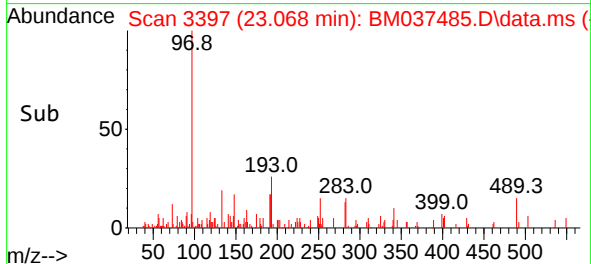
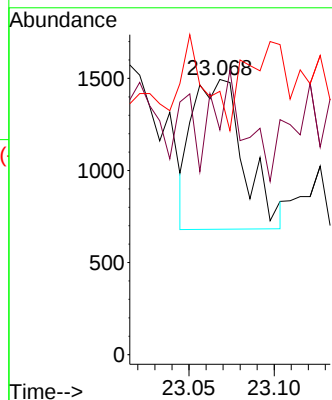
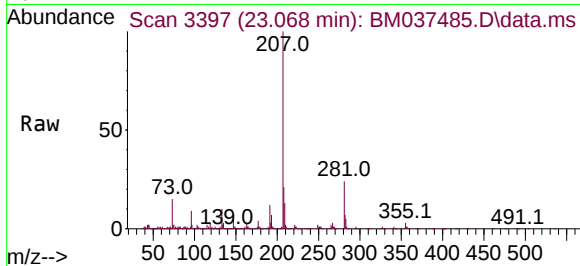




#89
Benzo(k)fluoranthene
Concen: 0.027 ng
RT: 23.068 min Scan# 3411
Delta R.T. 0.006 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

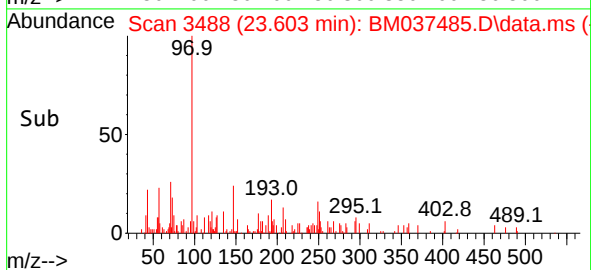
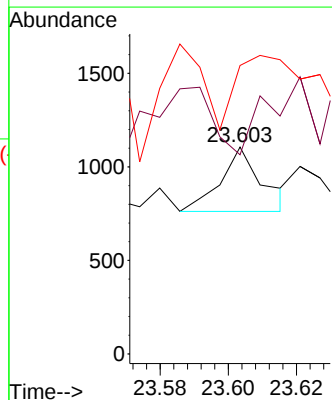
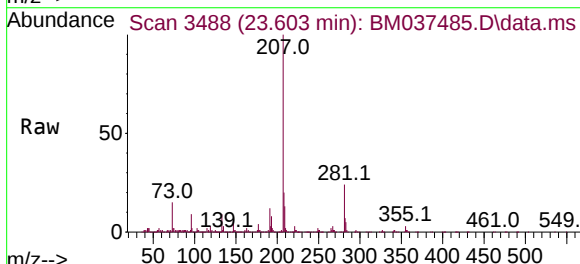
Instrument :
BNA_M
ClientSampleId :
TP-13

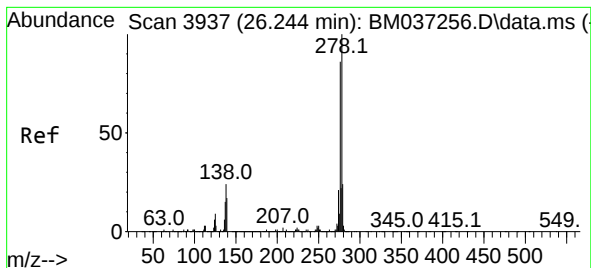
Tgt Ion:252 Resp: 1700
Ion Ratio Lower Upper
252 100
253 81.7 17.8 26.6#
125 95.7 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 0.006 ng
RT: 23.603 min Scan# 3488
Delta R.T. -0.017 min
Lab File: BM037485.D
Acq: 12 Nov 2022 02:09

Tgt Ion:252 Resp: 289
Ion Ratio Lower Upper
252 100
253 96.3 17.4 26.2#
125 139.4 9.9 14.9#





#91

Dibenzo(a,h)anthracene

Concen: 0.022 ng

RT: 26.186 min Scan# 3937

Delta R.T. 0.024 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Instrument :

BNA_M

ClientSampleId :

TP-13

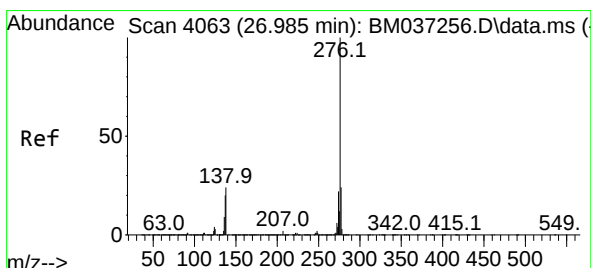
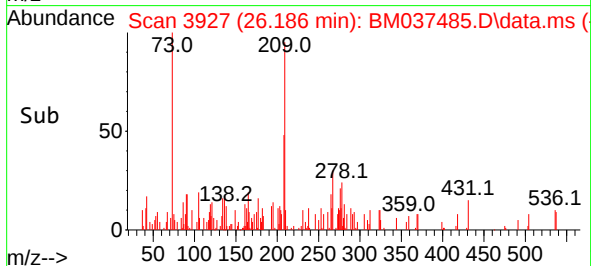
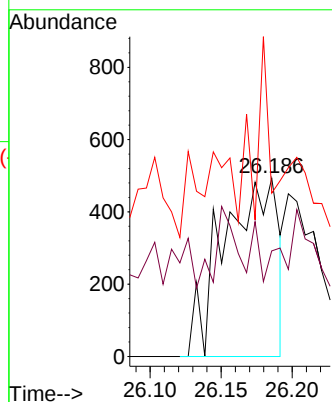
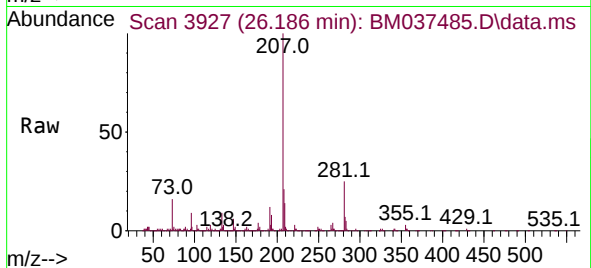
Tgt Ion:278 Resp: 1303

Ion Ratio Lower Upper

278 100

139 59.2 13.8 20.8#

279 91.7 19.0 28.6#



#92

Benzo(g,h,i)perylene

Concen: 0.026 ng

RT: 26.886 min Scan# 4046

Delta R.T. 0.000 min

Lab File: BM037485.D

Acq: 12 Nov 2022 02:09

Tgt Ion:276 Resp: 1512

Ion Ratio Lower Upper

276 100

277 28.3 19.4 29.2

138 63.1 18.9 28.3#

