

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100421\
 Data File : BM032319.D
 Acq On : 04 Oct 2021 11:14
 Operator : CG/JU
 Sample : M3702-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BN-WP

Quant Time: Oct 04 11:43:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 18:34:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.637	152	310885	20.000	ng	0.00
21) Naphthalene-d8	10.431	136	1235784	20.000	ng	0.00
39) Acenaphthene-d10	14.289	164	753509	20.000	ng	0.00
64) Phenanthrene-d10	17.013	188	1523164	20.000	ng	# 0.00
76) Chrysene-d12	21.183	240	1208234	20.000	ng	0.00
86) Perylene-d12	23.336	264	1231126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.213	112	2551515	138.285	ng	0.00
7) Phenol-d6	6.831	99	3291892	130.464	ng	0.00
23) Nitrobenzene-d5	8.795	82	2046890	92.122	ng	0.00
42) 2,4,6-Tribromophenol	15.771	330	1079024	127.914	ng	0.00
45) 2-Fluorobiphenyl	12.907	172	4394553	86.714	ng	0.00
79) Terphenyl-d14	19.630	244	5646090	98.415	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.337	42	948193	111.274	ng	# 61
12) 1,3-Dichlorobenzene	7.531	146	1917208	84.576	ng	# 92
13) 1,4-Dichlorobenzene	7.531	146	1917208	83.104	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1493084	60.995	ng	97
18) Hexachloroethane	8.725	117	715273	91.068	ng	93
24) Nitrobenzene	8.837	77	1560327	72.811	ng	# 87
25) Isophorone	9.354	82	2486024	67.335	ng	95
26) 2-Nitrophenol	9.354	139	44405	4.453	ng	# 71
28) bis(2-Chloroethoxy)met...	9.837	93	2397188	90.300	ng	99
31) Naphthalene	10.478	128	5191601	81.873	ng	99
32) Benzoic acid	9.837	122	812	4.878	ng	# 33
33) 4-Chloroaniline	10.478	127	686702	26.235	ng	# 30
34) Hexachlorobutadiene	10.784	225	1030864	81.178	ng	99
37) 2-Methylnaphthalene	12.095	142	4891428	113.504	ng	96
38) 1-Methylnaphthalene	12.095	142	4891428	116.155	ng	# 94
47) 2-Chloronaphthalene	13.154	162	2704783	63.430	ng	99
48) 2-Nitroaniline	13.360	65	1002063	86.436	ng	# 79
49) Acenaphthylene	14.007	152	2944761	44.480	ng	99
50) Dimethylphthalate	13.742	163	4441156	83.463	ng	99
51) 2,6-Dinitrotoluene	13.854	165	383988	35.625	ng	# 65
52) Acenaphthene	14.354	154	4627419	105.952	ng	98
53) 3-Nitroaniline	14.201	138	1849739	152.721	ng	86
55) Dibenzofuran	14.689	168	5893721	88.650	ng	95
56) 4-Nitrophenol	14.689	139	2290382	229.316	ng	# 1
57) 2,4-Dinitrotoluene	14.642	165	1092602	76.900	ng	# 61
58) Fluorene	15.330	166	3416221	67.565	ng	99
61) 4-Chlorophenyl-phenyle...	15.324	204	1891943	72.233	ng	95
62) 4-Nitroaniline	15.348	138	643907	53.270	ng	# 69
66) n-Nitrosodiphenylamine	15.324	169	220139	4.895	ng	# 20
67) 4-Bromophenyl-phenylether	16.207	248	1033215	65.175	ng	93
71) Phenanthrene	17.054	178	3565979	44.605	ng	100
72) Anthracene	17.054	178	3565979	45.649	ng	99
74) Di-n-butylphthalate	17.971	149	8667406	104.005	ng	97
75) Fluoranthene	19.065	202	5659720	63.842	ng	96
78) Pyrene	19.424	202	3520012	42.963	ng	99
80) Butylbenzylphthalate	20.318	149	4885846	157.005	ng	92

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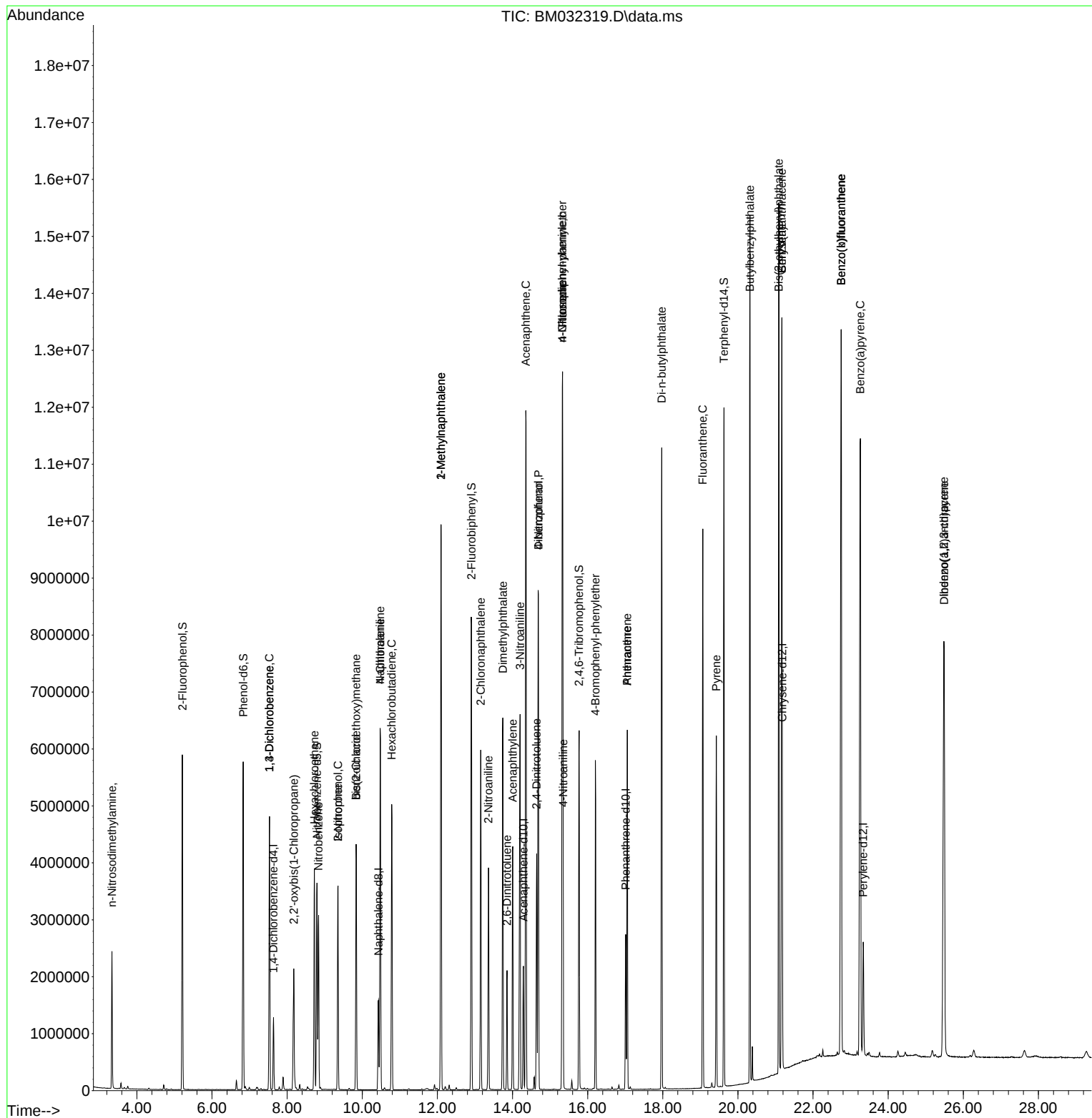
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	21.171	228	7536175	99.788	ng	96
83) Chrysene	21.171	228	7536175	103.150	ng	98
84) Bis(2-ethylhexyl)phtha...	21.089	149	5901165	140.646	ng #	92
87) Indeno(1,2,3-cd)pyrene	25.483	276	3943248	51.978	ng #	91
88) Benzo(b)fluoranthene	22.747	252	10000860	133.540	ng	98
89) Benzo(k)fluoranthene	22.747	252	10000860	136.699	ng	96
90) Benzo(a)pyrene	23.259	252	9027986	148.653	ng	98
91) Dibenzo(a,h)anthracene	25.488	278	5501104	86.011	ng #	94

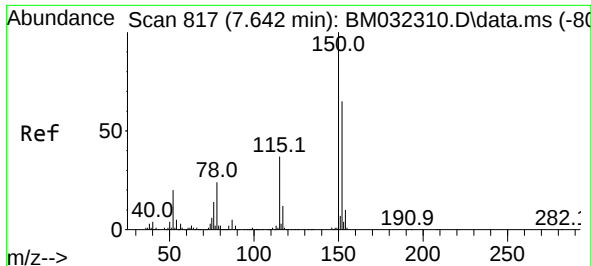
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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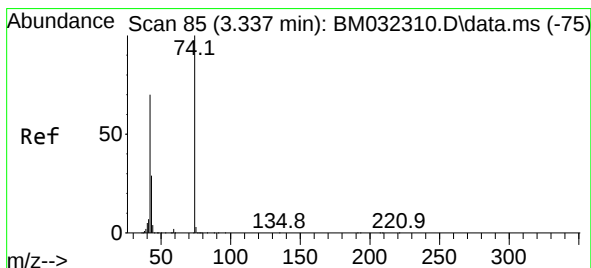
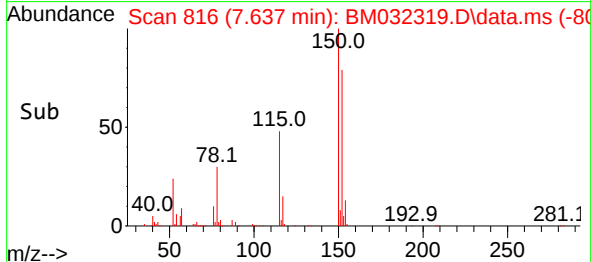
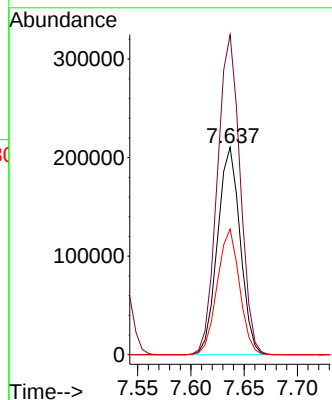
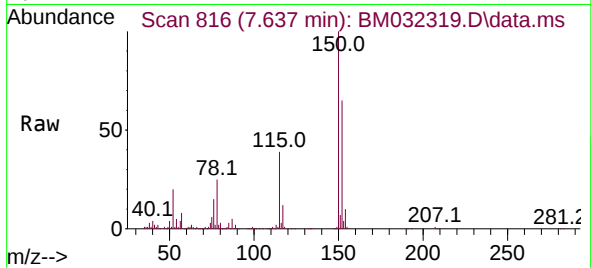




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.637 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

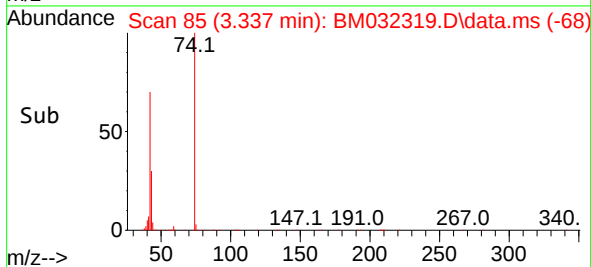
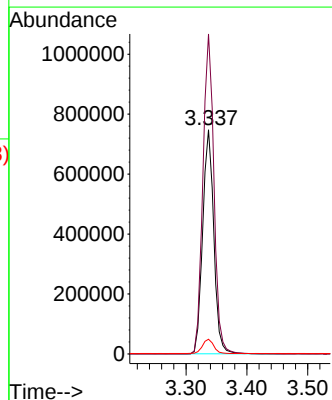
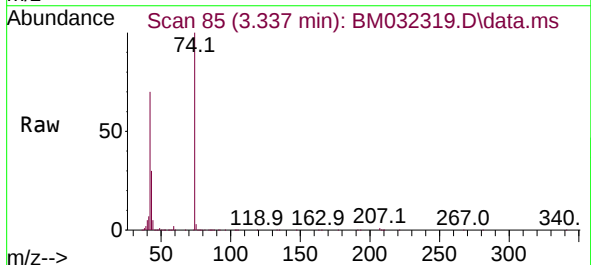
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

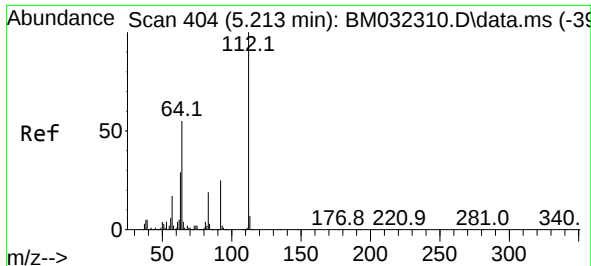
Tgt Ion:152 Resp: 310885
Ion Ratio Lower Upper
152 100
150 154.3 122.4 183.6
115 60.6 53.8 80.8



#4
n-Nitrosodimethylamine
Concen: 111.274 ng
RT: 3.337 min Scan# 85
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion: 42 Resp: 948193
Ion Ratio Lower Upper
42 100
74 142.7 99.5 149.3
44 6.5 57.3 85.9#

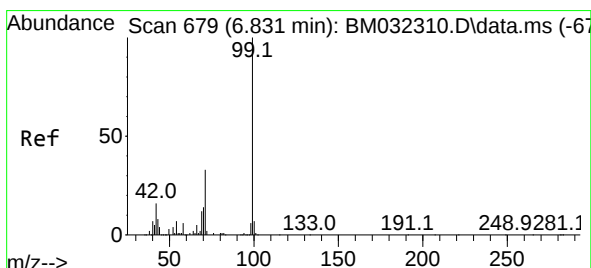
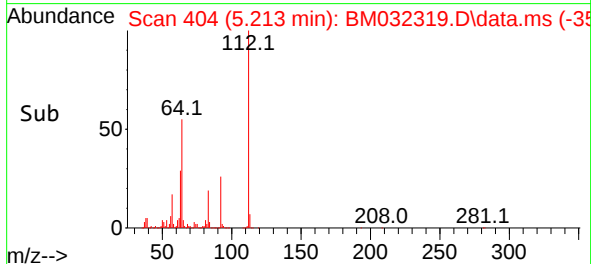
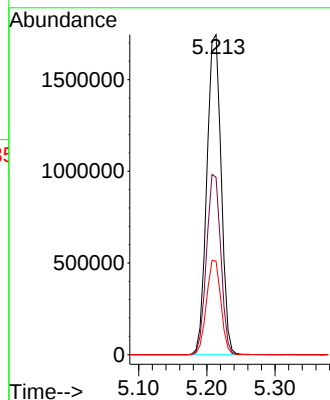
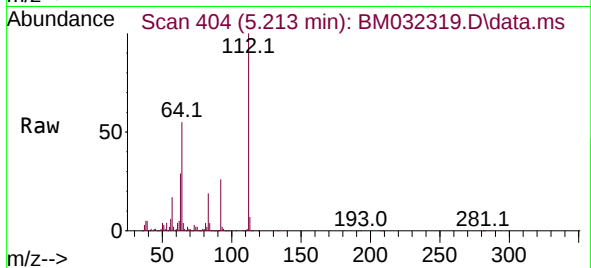




#5
2-Fluorophenol
Concen: 138.285 ng
RT: 5.213 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

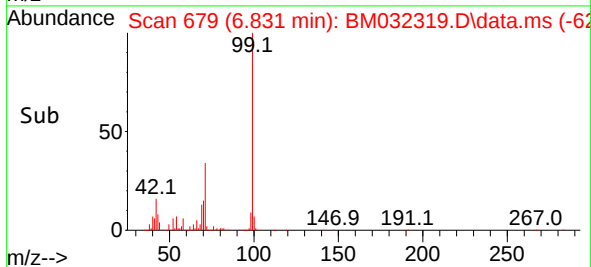
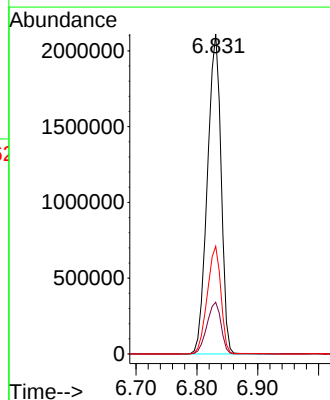
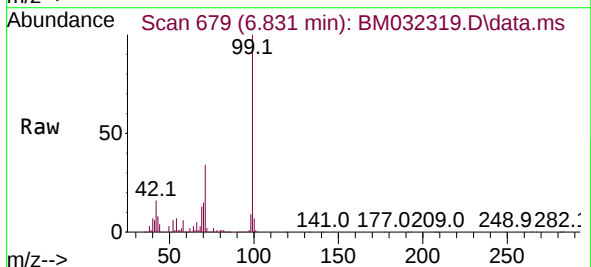
Instrument :
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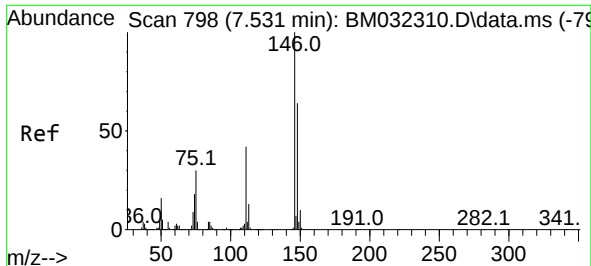
Tgt Ion:112 Resp: 2551515
Ion Ratio Lower Upper
112 100
64 55.5 53.7 80.5
63 29.2 33.9 50.9#



#7
Phenol-d6
Concen: 130.464 ng
RT: 6.831 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion: 99 Resp: 3291892
Ion Ratio Lower Upper
99 100
42 16.1 23.0 34.6#
71 33.7 37.8 56.8#





#12

1,3-Dichlorobenzene

Concen: 84.576 ng

RT: 7.531 min Scan# 798

Delta R.T. 0.000 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

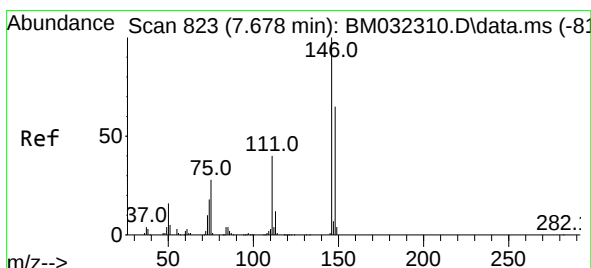
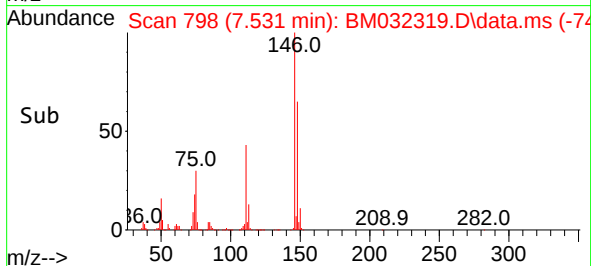
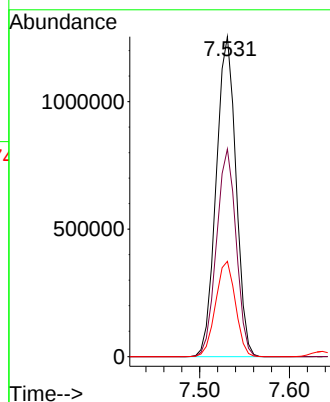
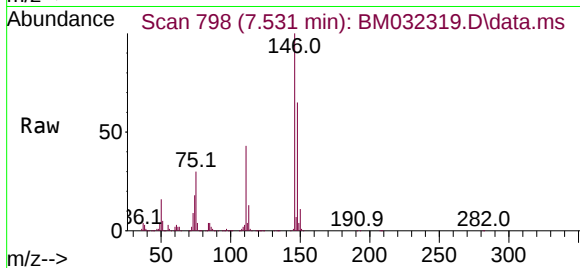
Tgt Ion:146 Resp: 1917208

Ion Ratio Lower Upper

146 100

148 64.9 52.3 78.5

75 29.8 34.2 51.2#



#13

1,4-Dichlorobenzene

Concen: 83.104 ng

RT: 7.531 min Scan# 798

Delta R.T. -0.147 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

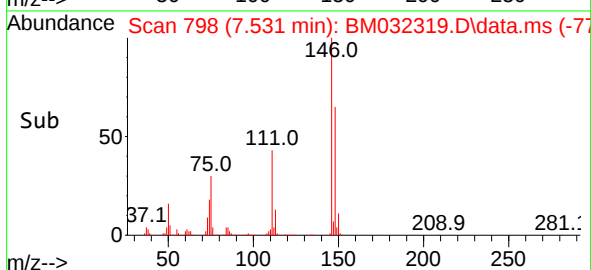
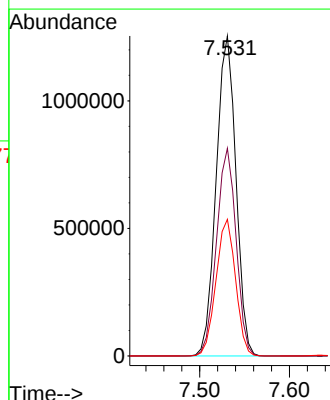
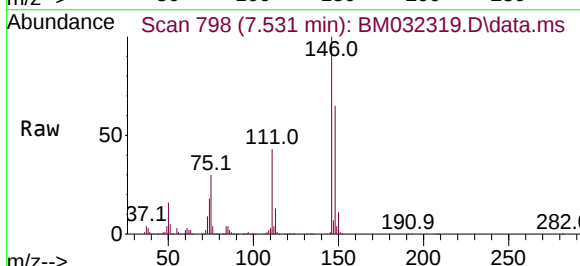
Tgt Ion:146 Resp: 1917208

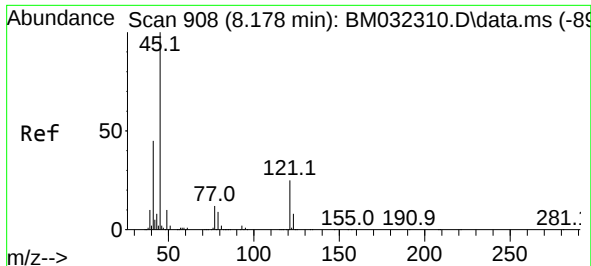
Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

111 42.7 35.3 52.9

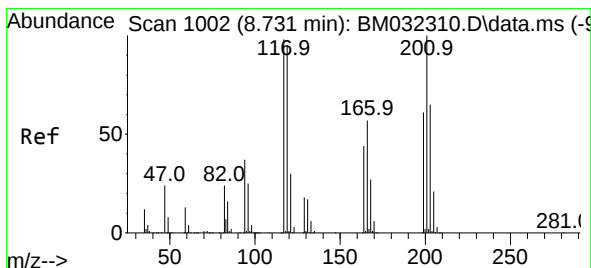
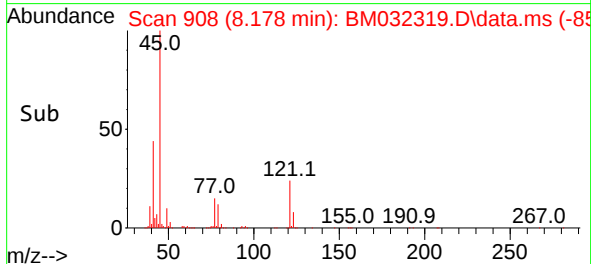
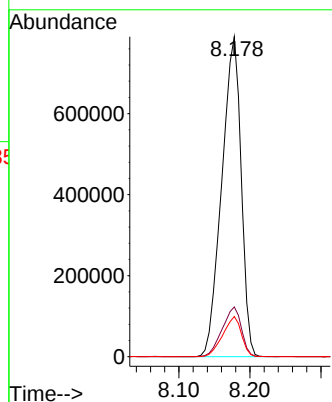
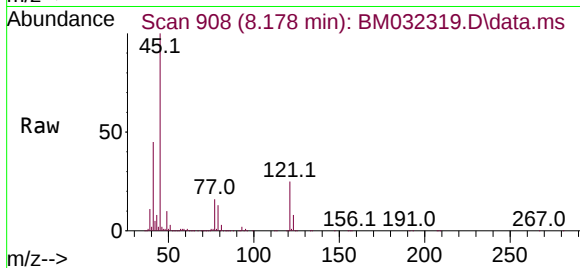




#16
2,2'-oxybis(1-Chloropropane)
Concen: 60.995 ng
RT: 8.178 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

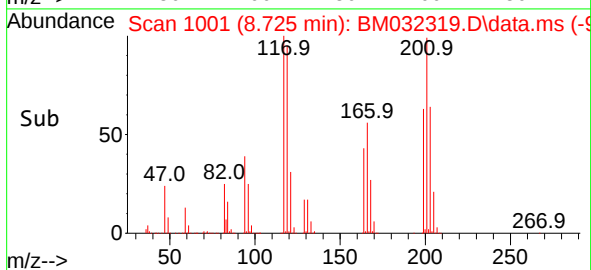
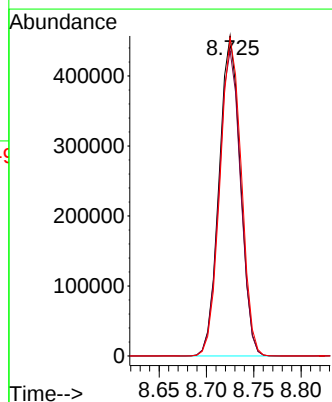
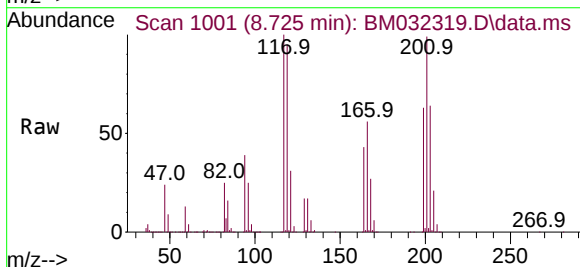
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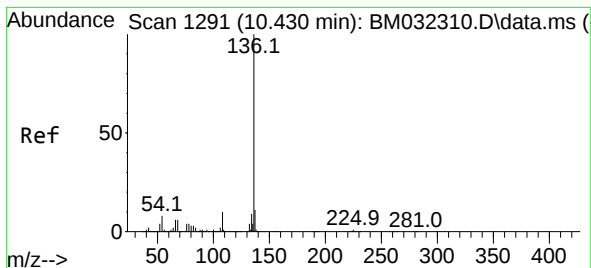
Tgt Ion: 45 Resp: 1493084
Ion Ratio Lower Upper
45 100
77 15.6 0.0 36.1
79 12.6 0.0 30.5



#18
Hexachloroethane
Concen: 91.068 ng
RT: 8.725 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion: 117 Resp: 715273
Ion Ratio Lower Upper
117 100
119 95.4 77.7 116.5
201 99.4 70.2 105.2

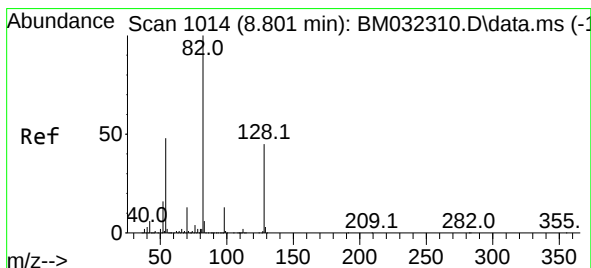
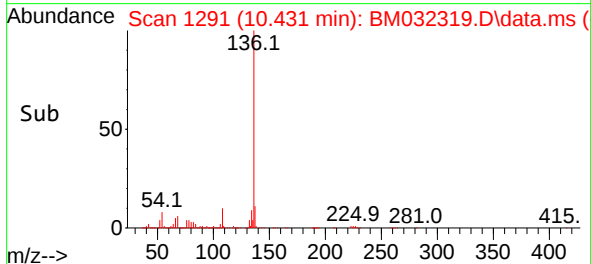
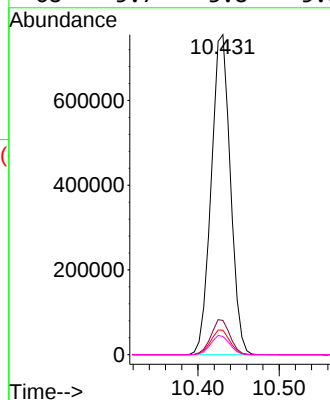
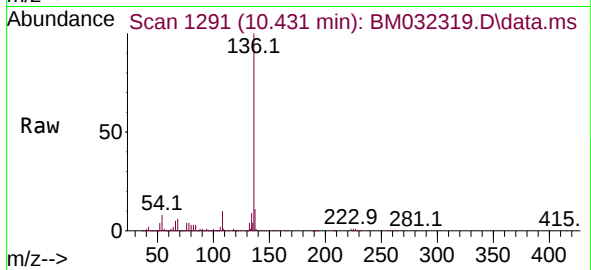




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.431 min Scan# 1014
Delta R.T. 0.001 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

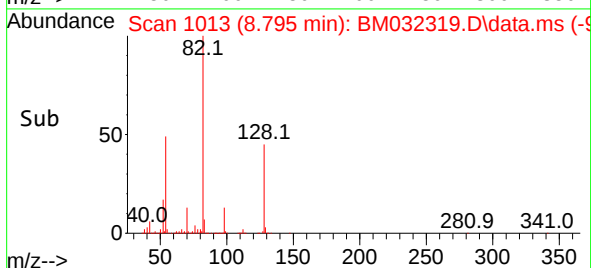
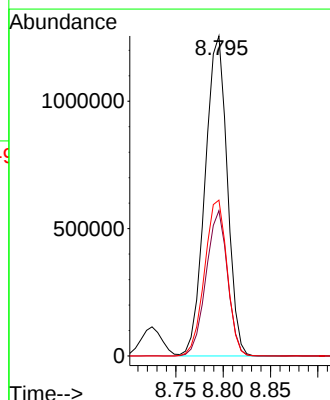
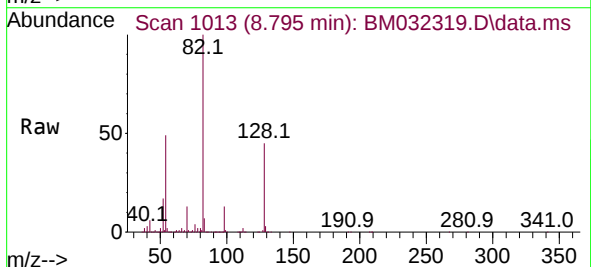
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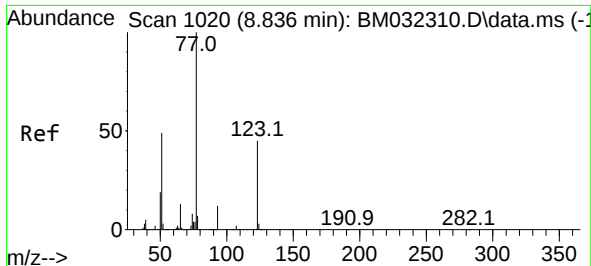
Tgt Ion:136 Resp: 1235784
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.7 7.4 11.0
68 5.7 3.8 5.8



#23
Nitrobenzene-d5
Concen: 92.122 ng
RT: 8.795 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion: 82 Resp: 2046890
Ion Ratio Lower Upper
82 100
128 45.4 29.0 43.6#
54 48.7 45.8 68.8

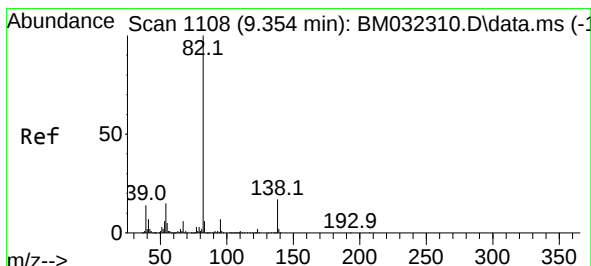
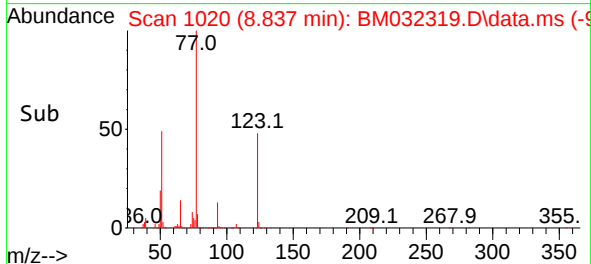
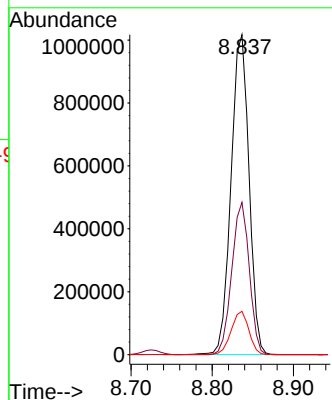
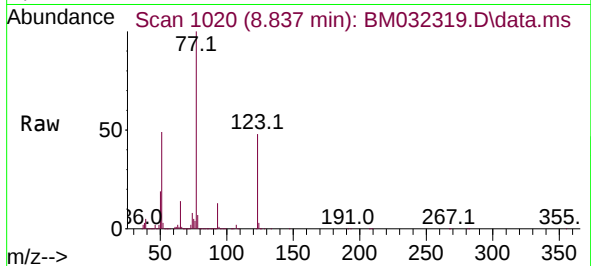




#24
Nitrobenzene
Concen: 72.811 ng
RT: 8.837 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

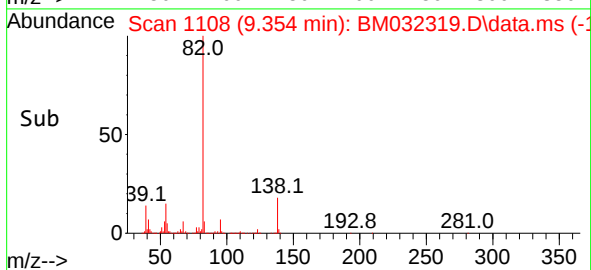
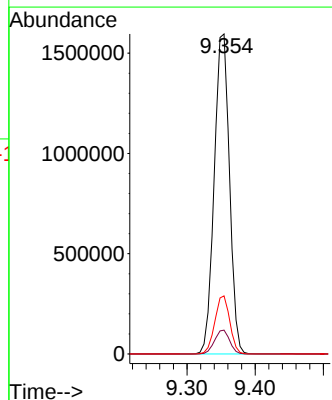
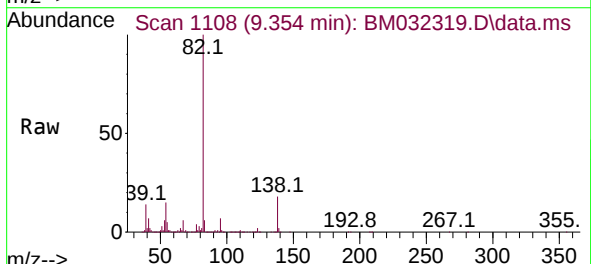
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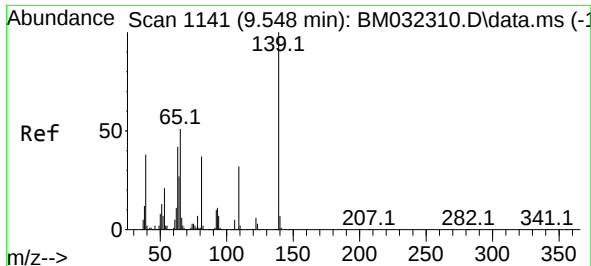
Tgt Ion: 77 Resp: 1560327
Ion Ratio Lower Upper
77 100
123 47.6 30.1 45.1#
65 13.5 11.7 17.5



#25
Isophorone
Concen: 67.335 ng
RT: 9.354 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion: 82 Resp: 2486024
Ion Ratio Lower Upper
82 100
95 7.4 6.4 9.6
138 18.2 12.4 18.6

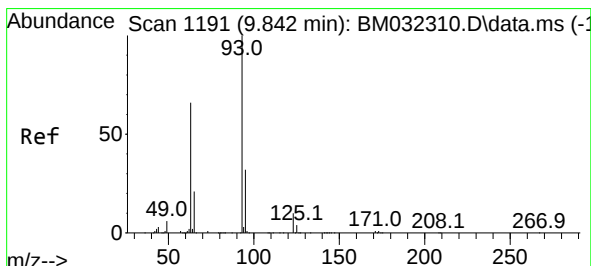
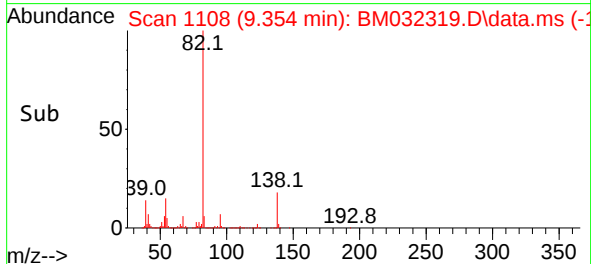
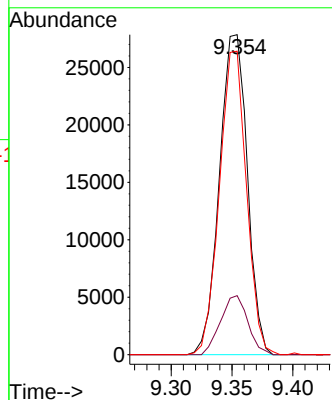
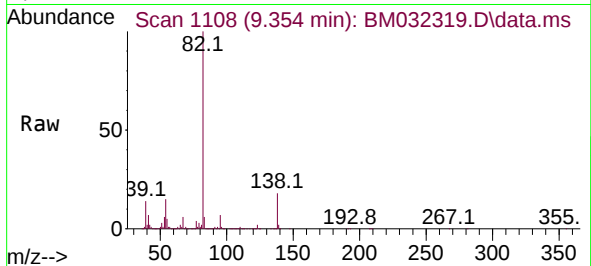




#26
2-Nitrophenol
Concen: 4.453 ng
RT: 9.354 min Scan# 1141
Delta R.T. -0.194 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

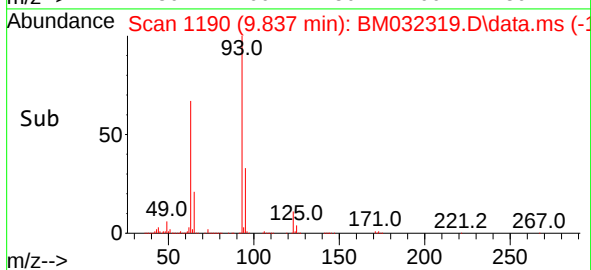
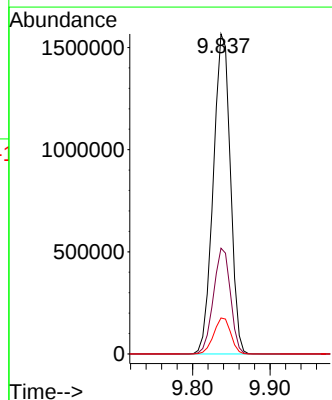
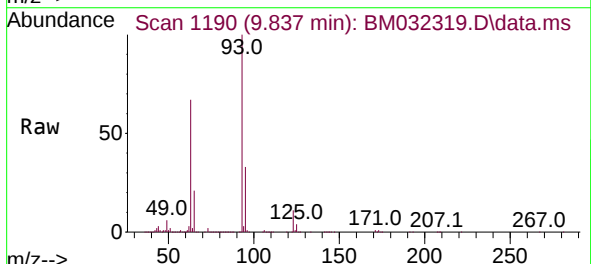
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

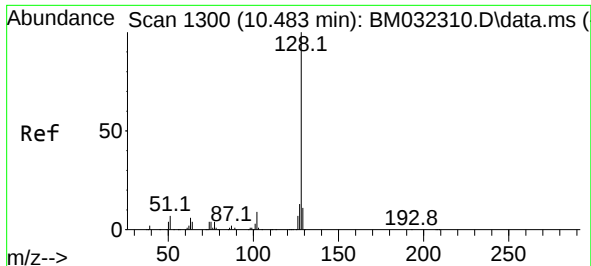
Tgt Ion:139 Resp: 44405
Ion Ratio Lower Upper
139 100
109 18.5 34.8 52.2#
65 94.9 59.9 89.9#



#28
bis(2-Chloroethoxy)methane
Concen: 90.300 ng
RT: 9.837 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion: 93 Resp: 2397188
Ion Ratio Lower Upper
93 100
95 33.0 25.8 38.8
123 11.2 8.8 13.2

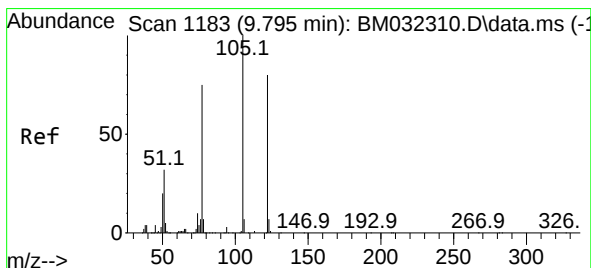
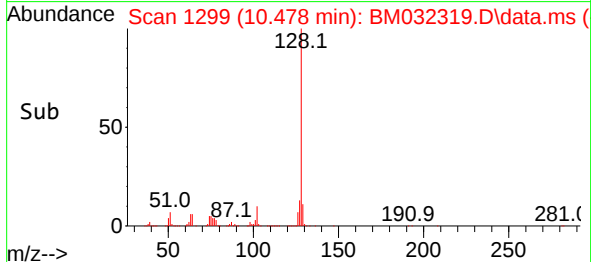
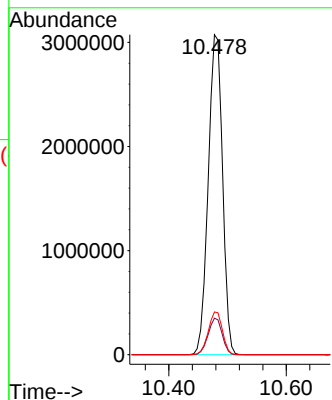
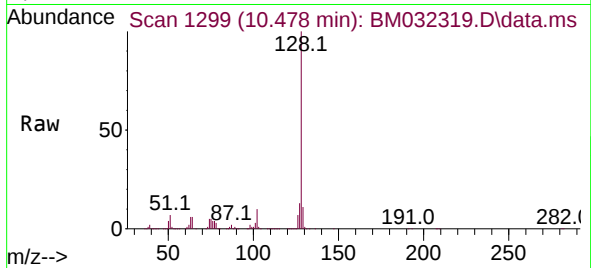




#31
Naphthalene
Concen: 81.873 ng
RT: 10.478 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

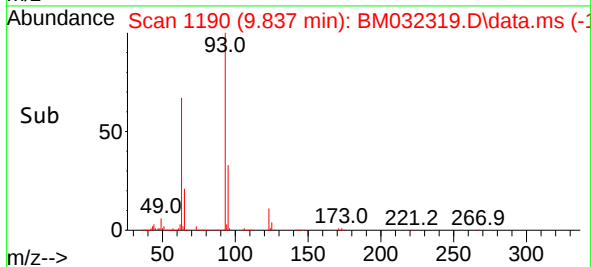
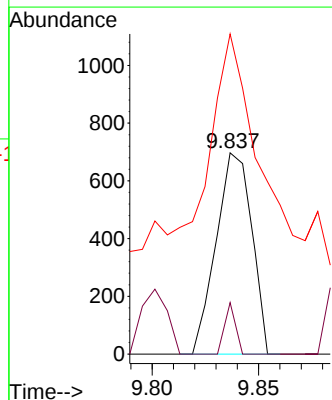
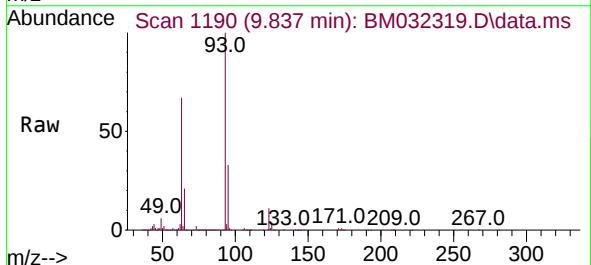
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

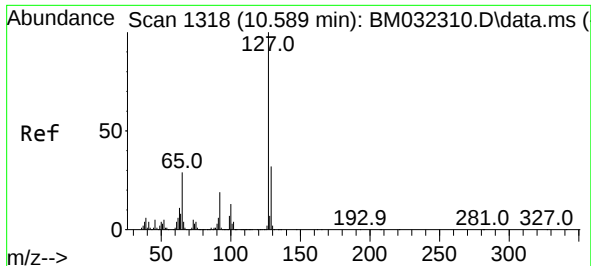
Tgt Ion:128 Resp: 5191601
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 4.878 ng
RT: 9.837 min Scan# 1190
Delta R.T. 0.042 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:122 Resp: 812
Ion Ratio Lower Upper
122 100
105 25.5 120.3 160.3#
77 159.1 100.0 140.0#

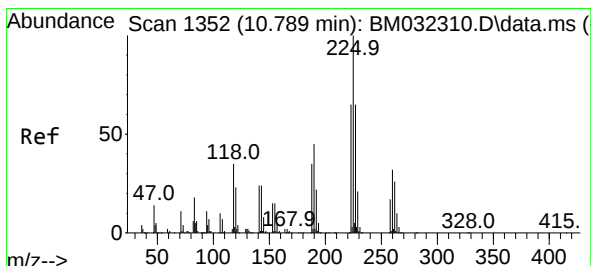
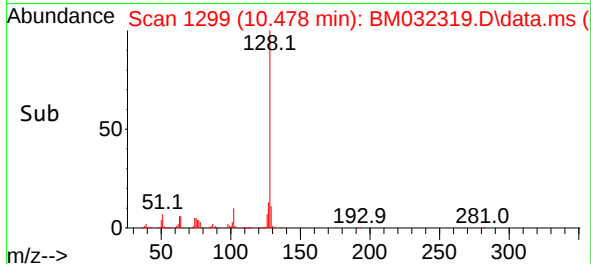
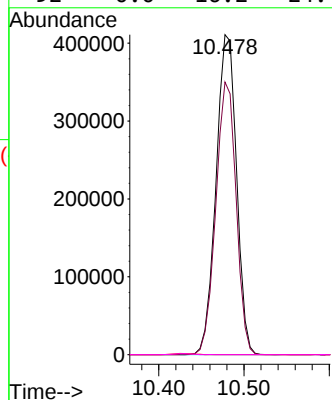
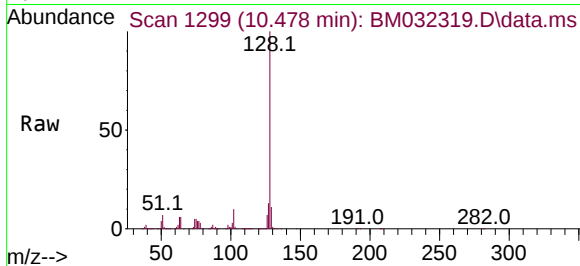




#33
4-Chloroaniline
Concen: 26.235 ng
RT: 10.478 min Scan# 11
Delta R.T. -0.112 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

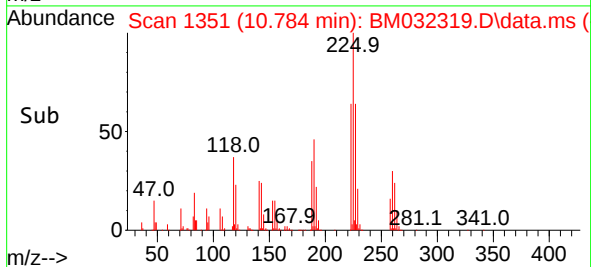
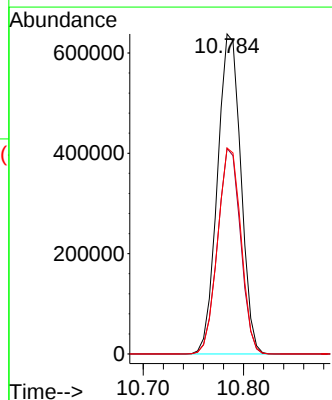
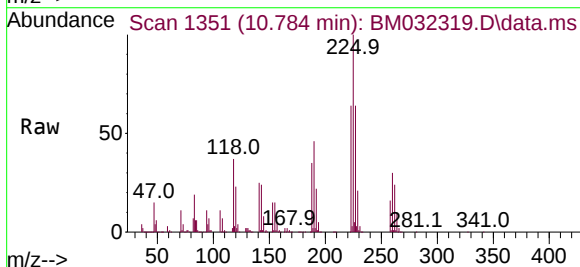
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

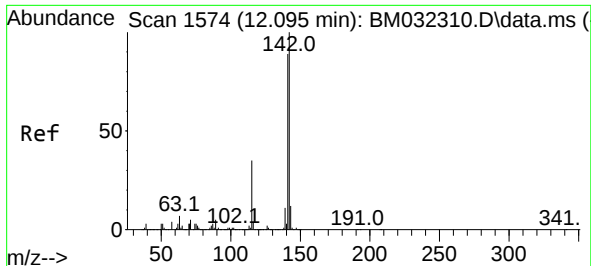
Tgt Ion:127 Resp: 686702
Ion Ratio Lower Upper
127 100
129 85.2 25.6 38.4#
65 0.0 30.4 45.6#
92 0.0 16.2 24.4#



#34
Hexachlorobutadiene
Concen: 81.178 ng
RT: 10.784 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:225 Resp: 1030864
Ion Ratio Lower Upper
225 100
223 64.2 52.6 78.8
227 64.3 51.2 76.8





#37

2-Methylnaphthalene

Concen: 113.504 ng

RT: 12.095 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

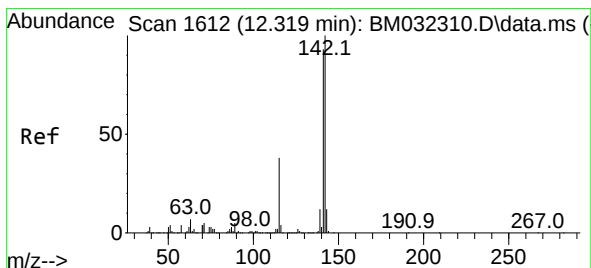
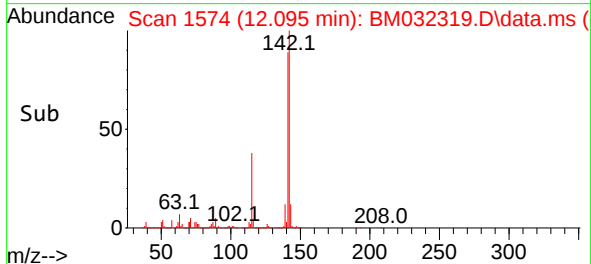
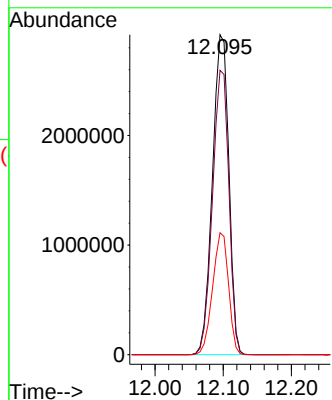
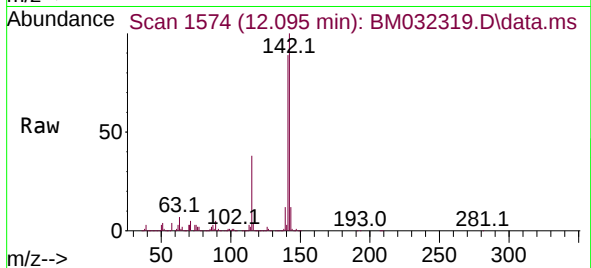
Tgt Ion:142 Resp: 4891428

Ion Ratio Lower Upper

142 100

141 88.8 71.8 107.6

115 38.1 36.3 54.5



#38

1-Methylnaphthalene

Concen: 116.155 ng

RT: 12.095 min Scan# 1574

Delta R.T. -0.223 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

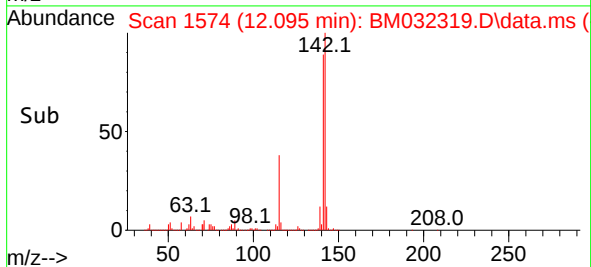
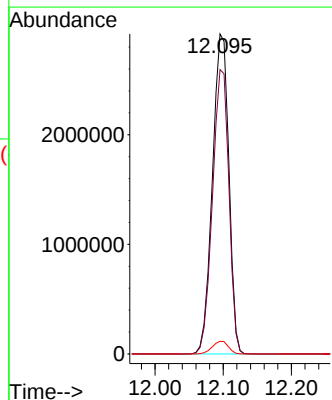
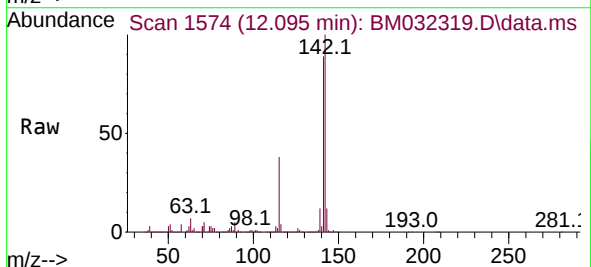
Tgt Ion:142 Resp: 4891428

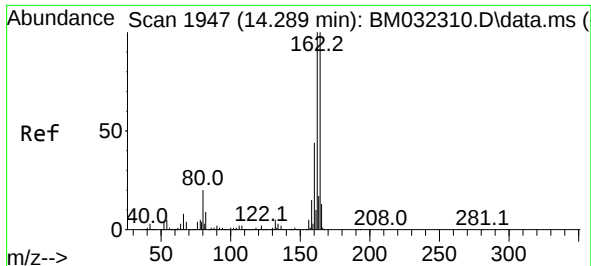
Ion Ratio Lower Upper

142 100

141 88.8 75.6 113.4

116 3.9 4.0 6.0#

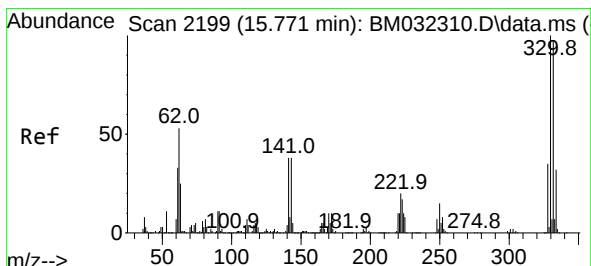
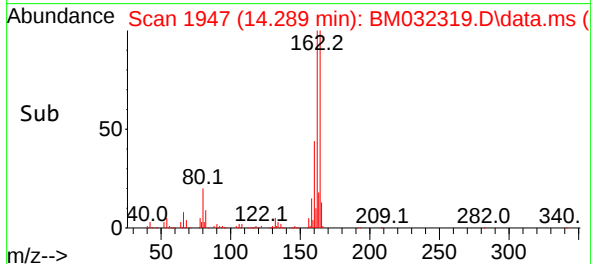
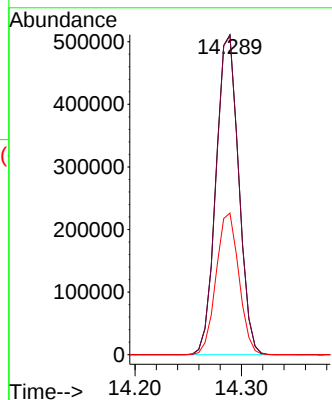
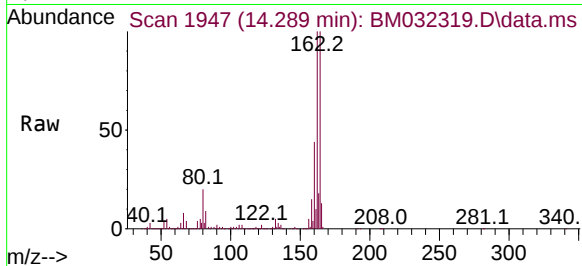




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.289 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

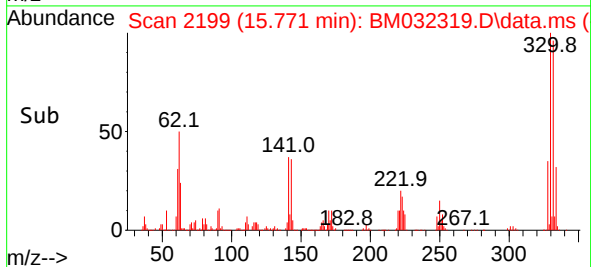
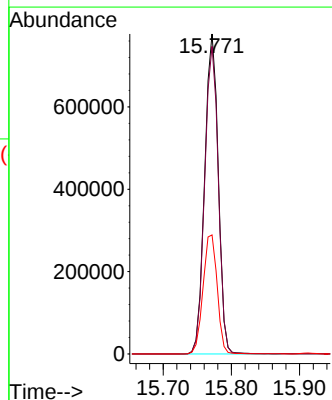
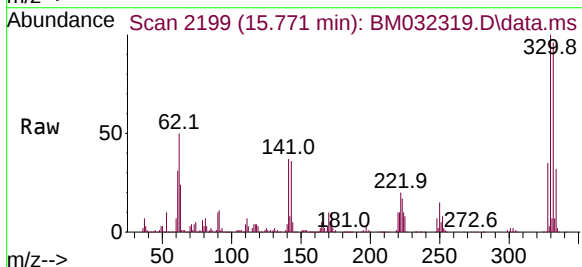
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

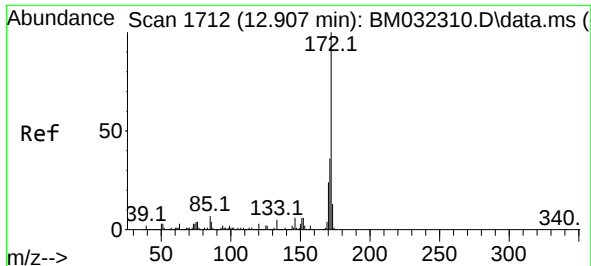
Tgt Ion:164 Resp: 753509
Ion Ratio Lower Upper
164 100
162 99.7 80.6 121.0
160 44.2 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 127.914 ng
RT: 15.771 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:330 Resp: 1079024
Ion Ratio Lower Upper
330 100
332 96.6 75.7 113.5
141 38.7 50.7 76.1#

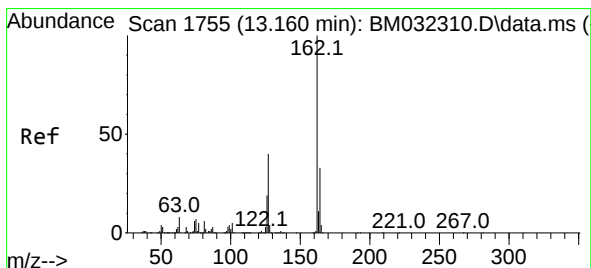
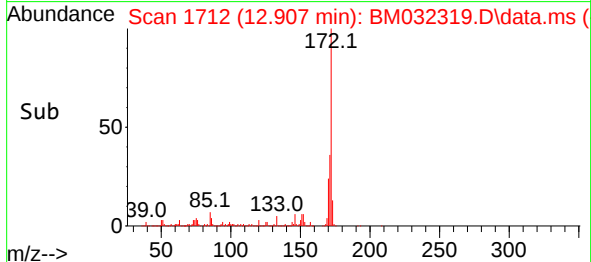
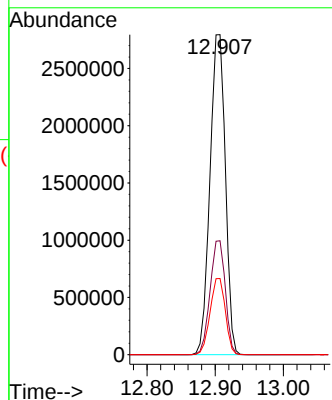
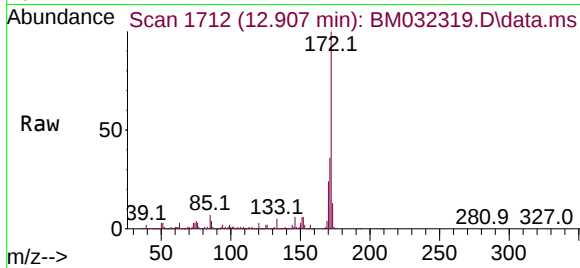




#45
2-Fluorobiphenyl
Concen: 86.714 ng
RT: 12.907 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

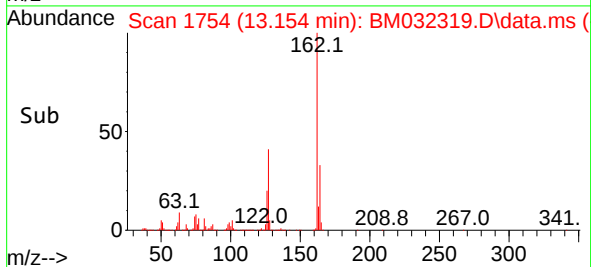
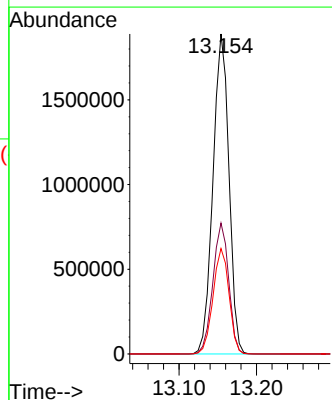
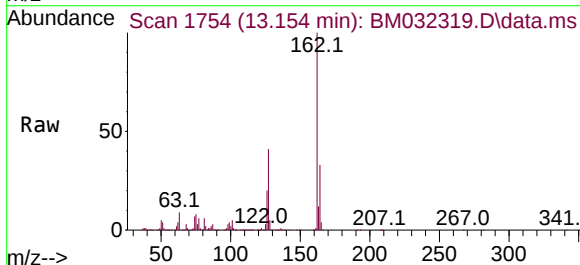
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

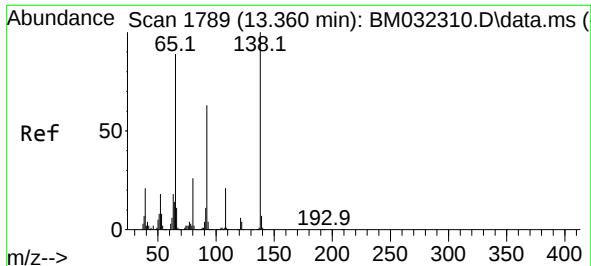
Tgt Ion:172 Resp: 4394553
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.8 18.6 27.8



#47
2-Chloronaphthalene
Concen: 63.430 ng
RT: 13.154 min Scan# 1754
Delta R.T. -0.006 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:162 Resp: 2704783
Ion Ratio Lower Upper
162 100
127 40.9 33.2 49.8
164 33.0 25.7 38.5

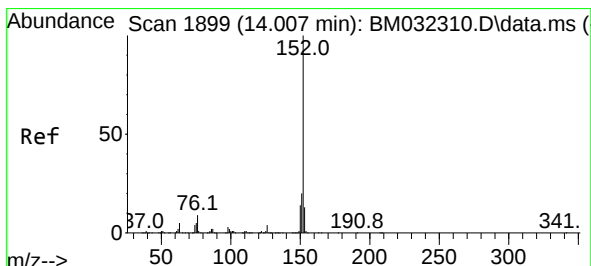
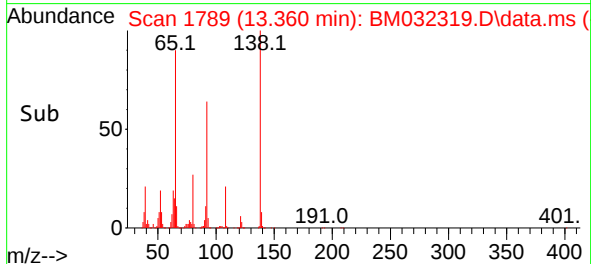
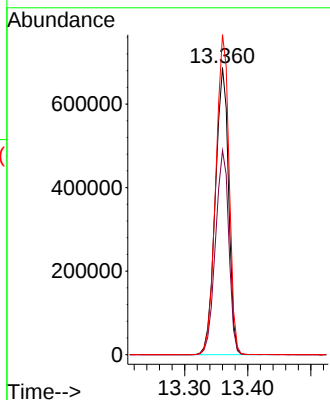
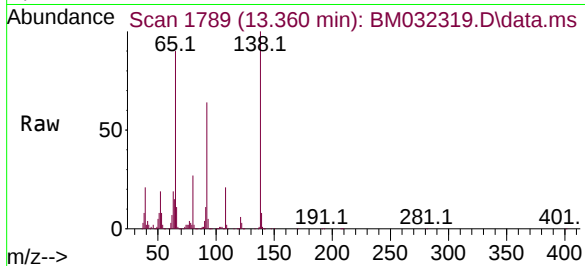




#48
2-Nitroaniline
Concen: 86.436 ng
RT: 13.360 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

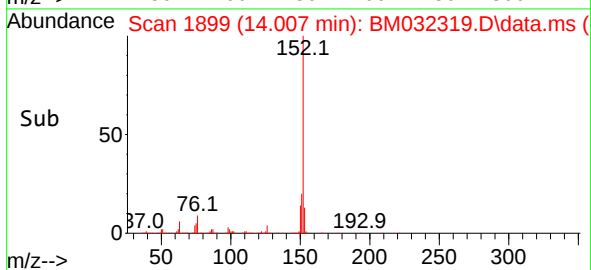
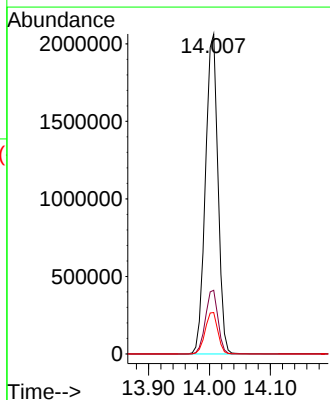
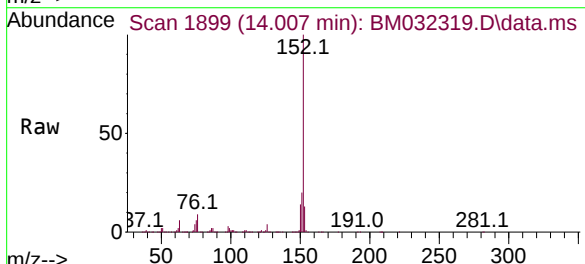
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

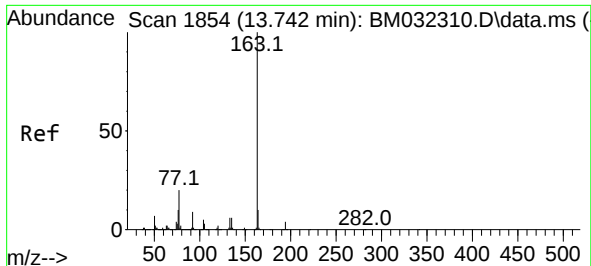
Tgt Ion: 65 Resp: 1002063
Ion Ratio Lower Upper
65 100
92 71.1 51.2 76.8
138 111.5 66.8 100.2#



#49
Acenaphthylene
Concen: 44.480 ng
RT: 14.007 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion: 152 Resp: 2944761
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.0 10.6 15.8

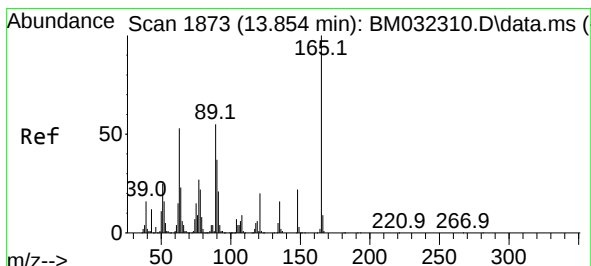
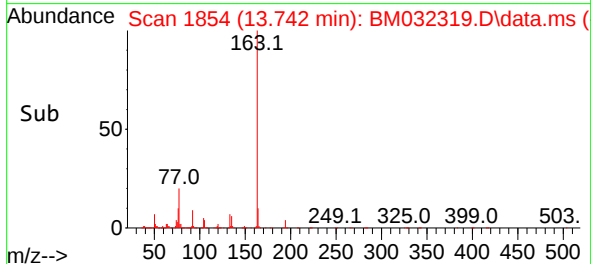
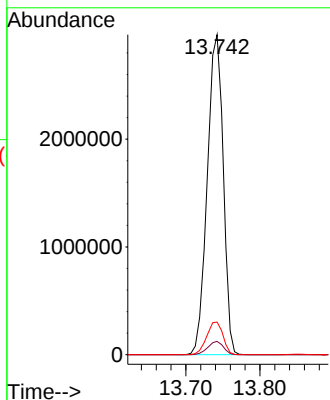
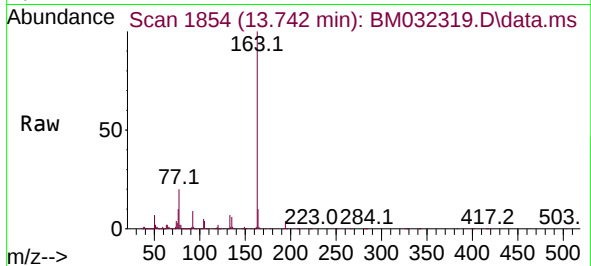




#50
Dimethylphthalate
Concen: 83.463 ng
RT: 13.742 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

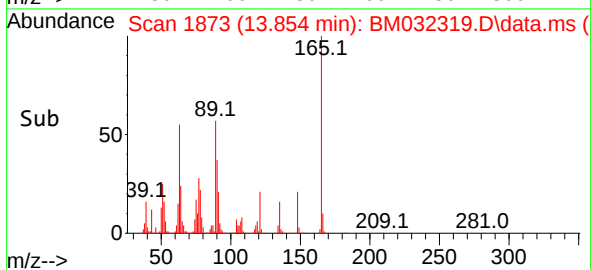
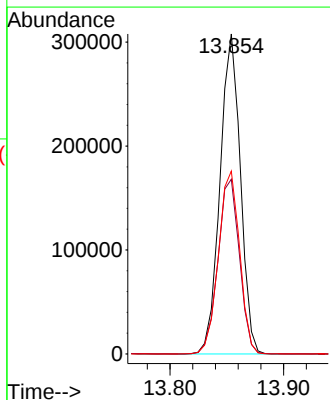
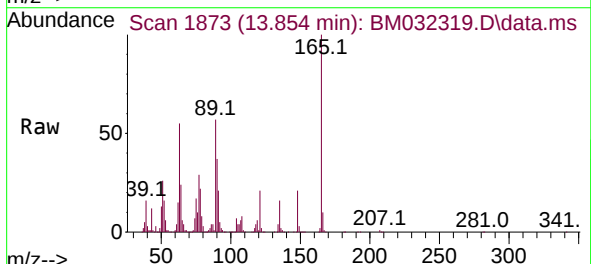
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

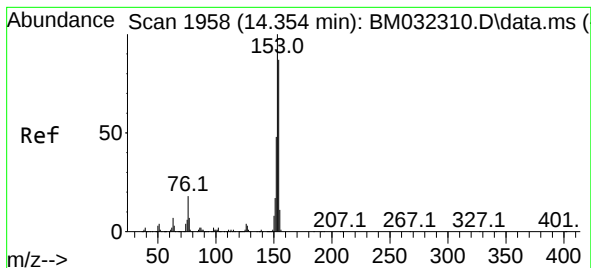
Tgt Ion:163 Resp: 4441156
Ion Ratio Lower Upper
163 100
194 4.2 2.9 4.3
164 10.2 8.0 12.0



#51
2,6-Dinitrotoluene
Concen: 35.625 ng
RT: 13.854 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:165 Resp: 383988
Ion Ratio Lower Upper
165 100
63 54.6 72.4 108.6#
89 57.2 69.3 103.9#





#52

Acenaphthene

Concen: 105.952 ng

RT: 14.354 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

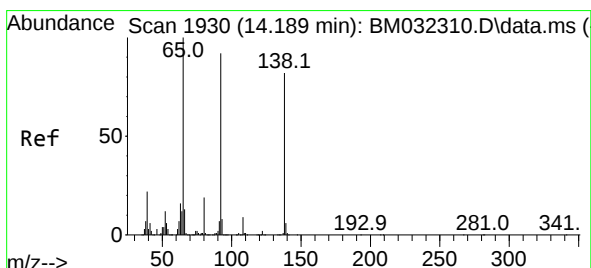
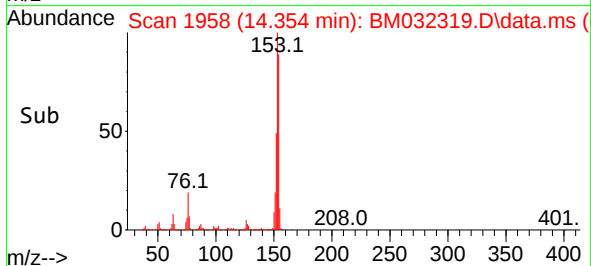
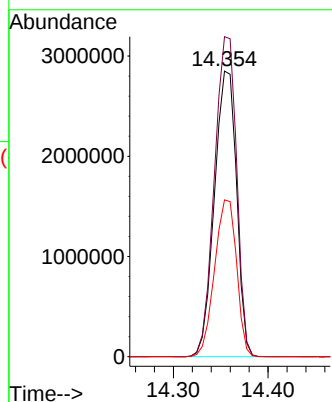
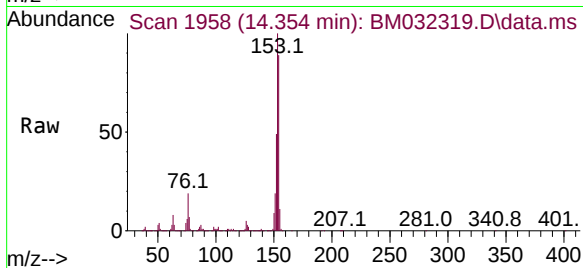
Tgt Ion:154 Resp: 4627419

Ion Ratio Lower Upper

154 100

153 112.0 92.4 138.6

152 54.9 43.7 65.5



#53

3-Nitroaniline

Concen: 152.721 ng

RT: 14.201 min Scan# 1932

Delta R.T. 0.012 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

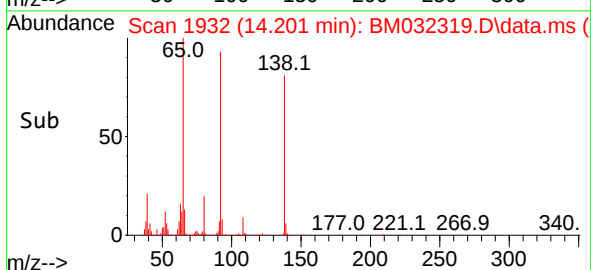
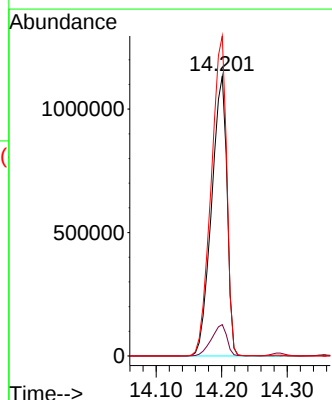
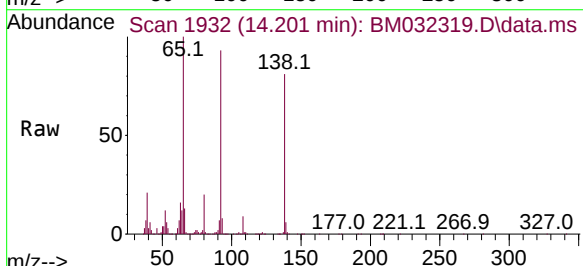
Tgt Ion:138 Resp: 1849739

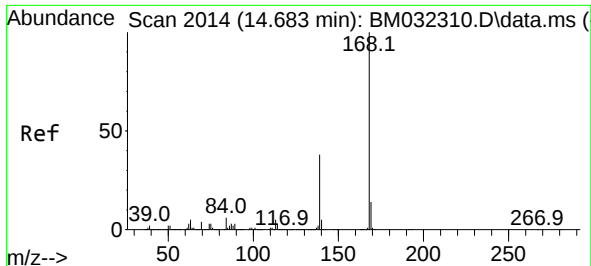
Ion Ratio Lower Upper

138 100

108 11.2 8.3 12.5

92 114.4 105.2 157.8

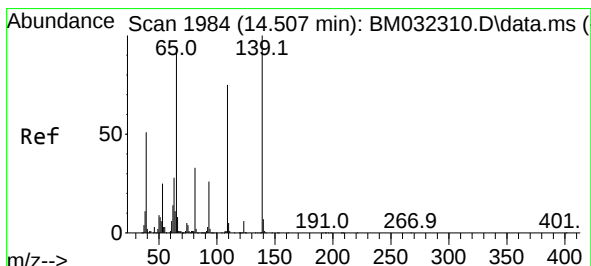
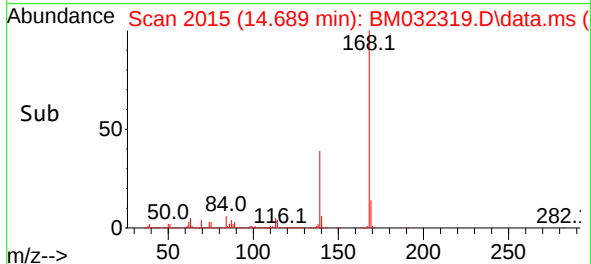
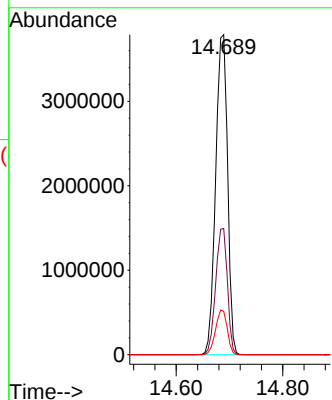
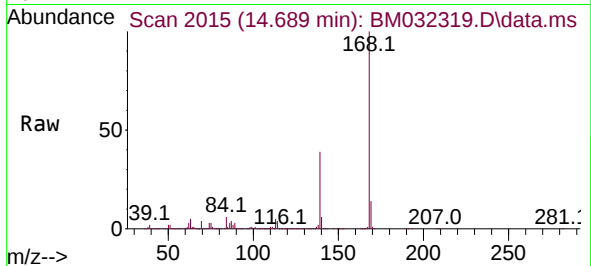




#55
Dibenzenofuran
Concen: 88.650 ng
RT: 14.689 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

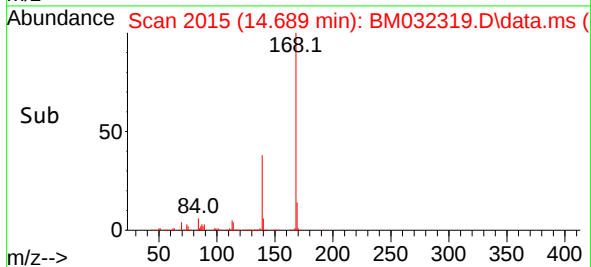
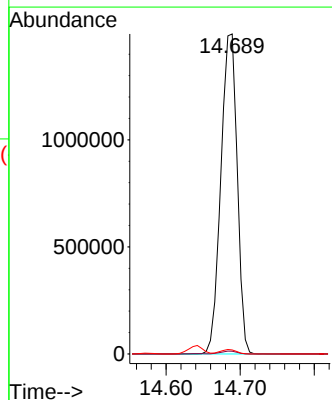
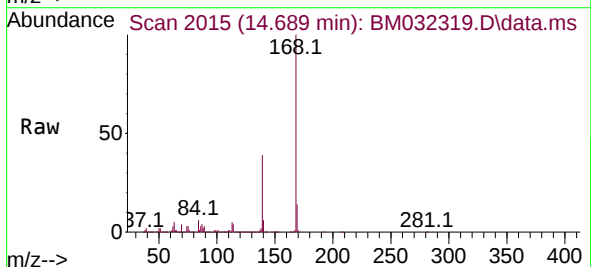
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

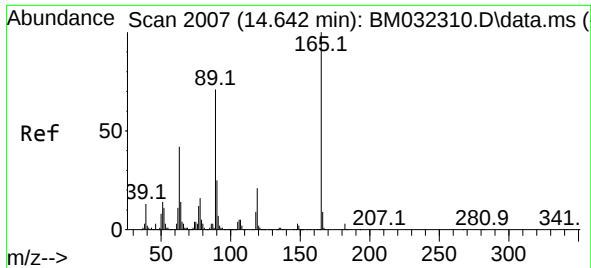
Tgt Ion:168 Resp: 5893721
Ion Ratio Lower Upper
168 100
139 39.4 35.0 52.4
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 229.316 ng
RT: 14.689 min Scan# 2015
Delta R.T. 0.183 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:139 Resp: 2290382
Ion Ratio Lower Upper
139 100
109 0.9 92.3 132.3#
65 1.3 110.5 150.5#

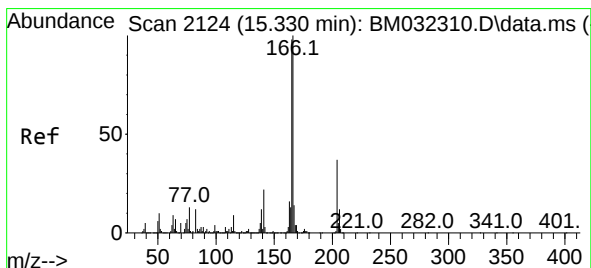
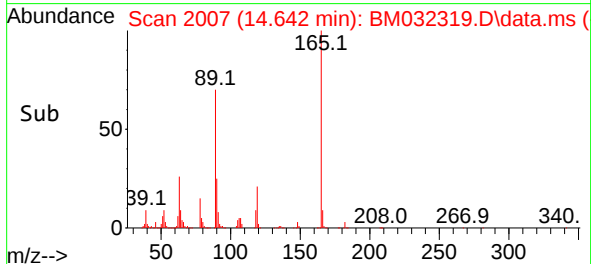
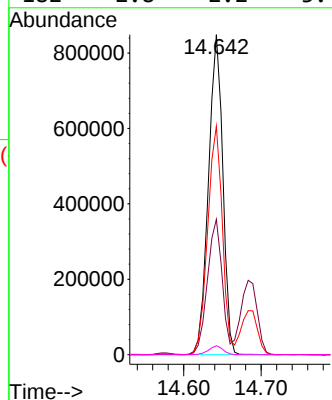
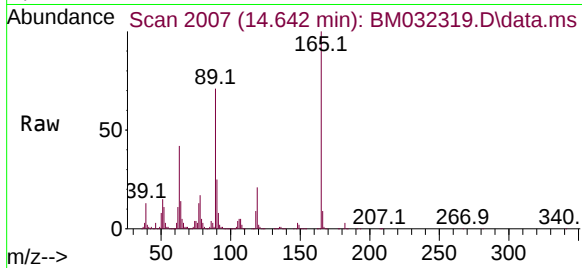




#57
2,4-Dinitrotoluene
Concen: 76.900 ng
RT: 14.642 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

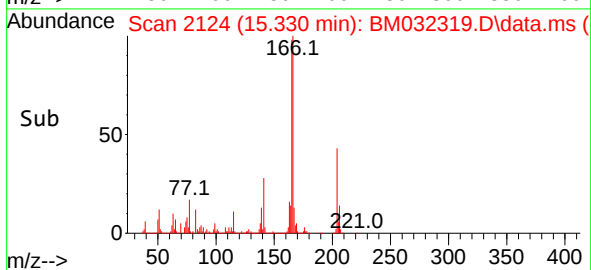
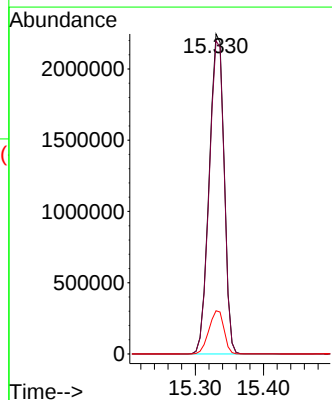
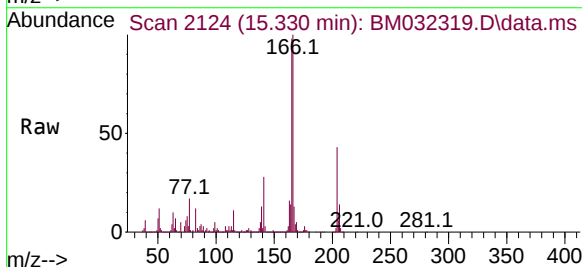
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

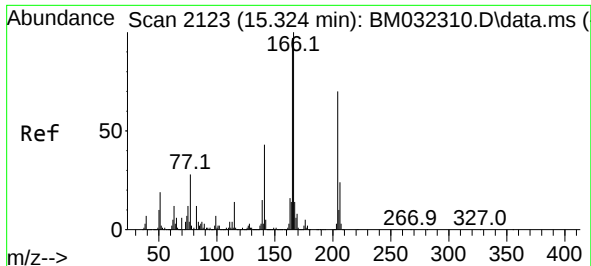
Tgt Ion:165 Resp: 1092602
Ion Ratio Lower Upper
165 100
63 42.3 70.3 105.5#
89 71.4 83.1 124.7#
182 2.8 2.2 3.4



#58
Fluorene
Concen: 67.565 ng
RT: 15.330 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:166 Resp: 3416221
Ion Ratio Lower Upper
166 100
165 97.9 79.3 118.9
167 13.5 10.6 16.0

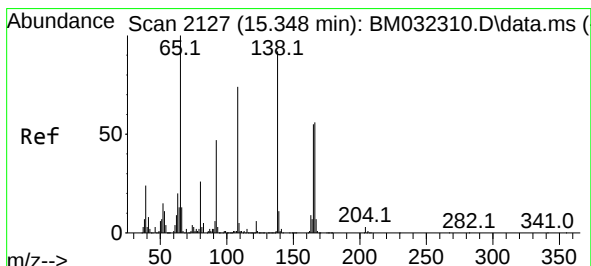
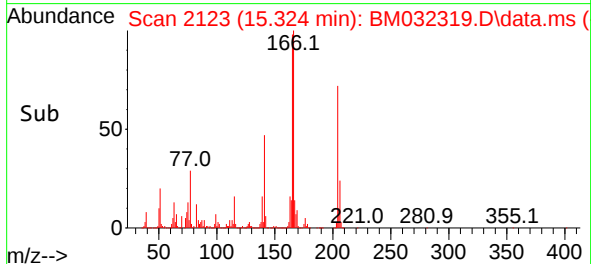
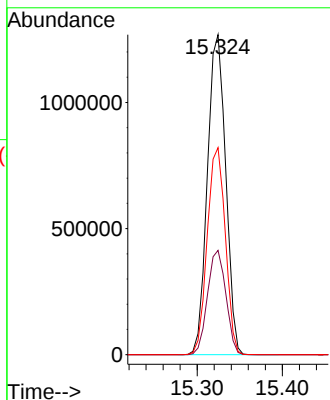
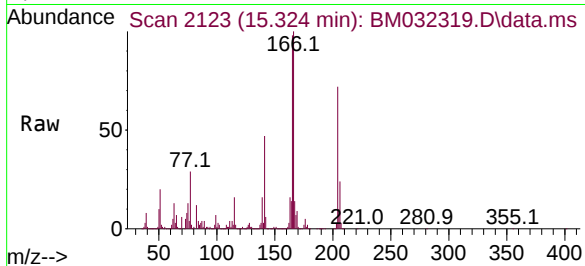




#61
4-Chlorophenyl-phenylether
Concen: 72.233 ng
RT: 15.324 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

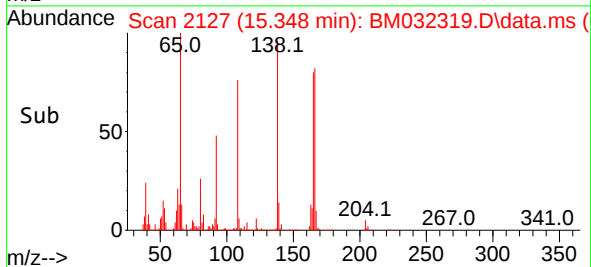
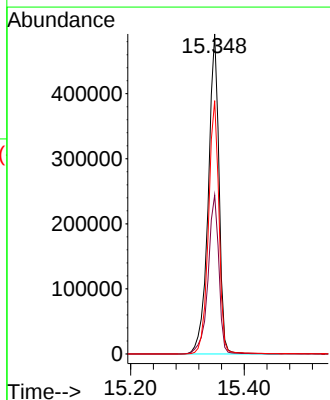
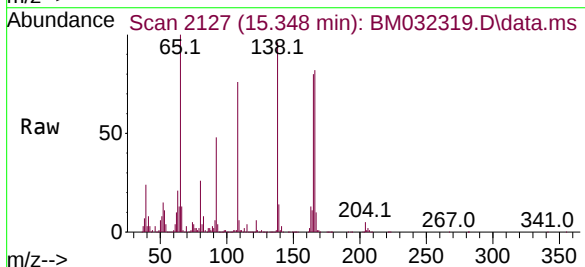
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

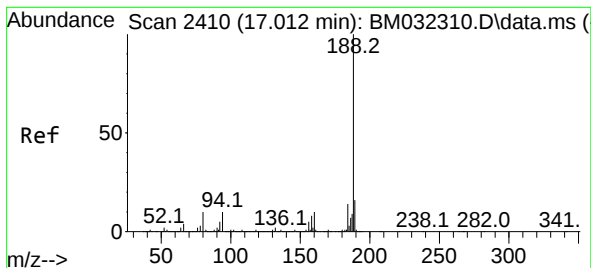
Tgt Ion:204 Resp: 1891943
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 64.7 55.8 83.8



#62
4-Nitroaniline
Concen: 53.270 ng
RT: 15.348 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:138 Resp: 643907
Ion Ratio Lower Upper
138 100
92 49.6 40.6 80.6
108 79.1 103.8 143.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.013 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

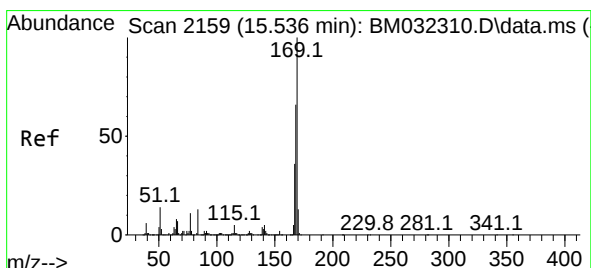
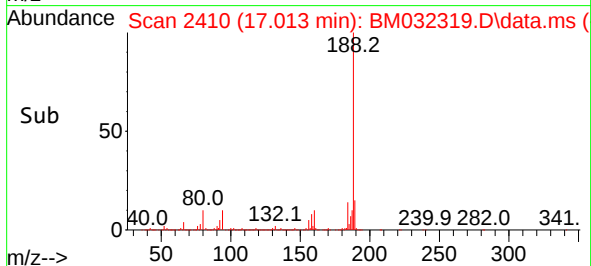
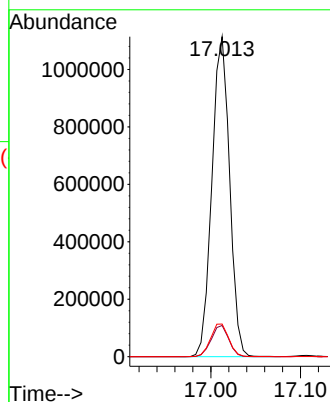
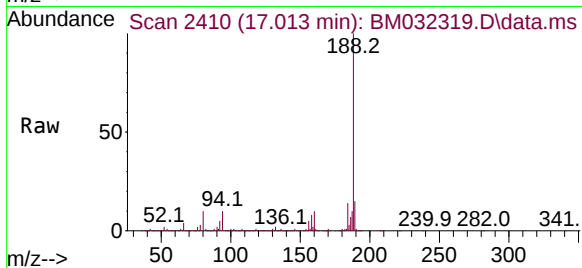
Tgt Ion:188 Resp: 1523164

Ion Ratio Lower Upper

188 100

94 9.8 6.3 9.5#

80 10.2 7.3 10.9



#66

n-Nitrosodiphenylamine

Concen: 4.895 ng

RT: 15.324 min Scan# 2123

Delta R.T. -0.212 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

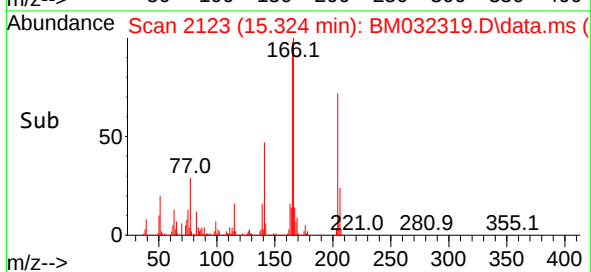
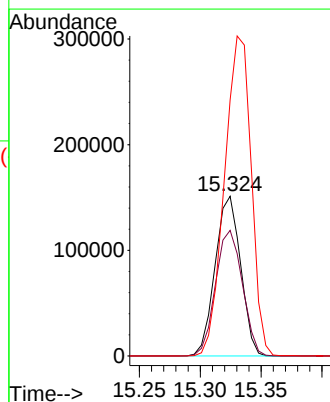
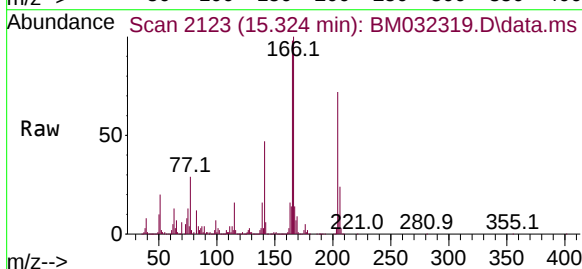
Tgt Ion:169 Resp: 220139

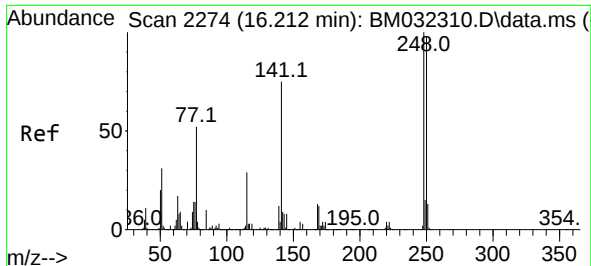
Ion Ratio Lower Upper

169 100

168 78.6 55.0 82.4

167 160.2 29.8 44.8#

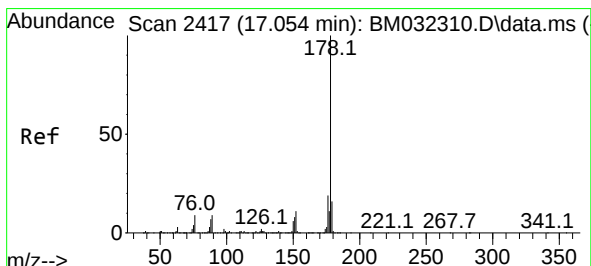
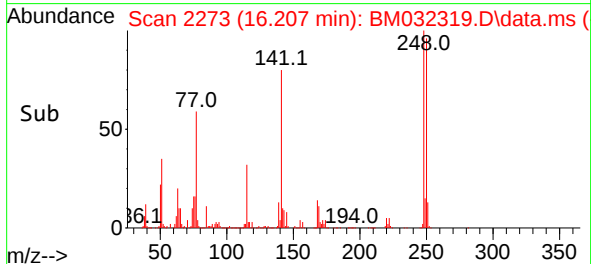
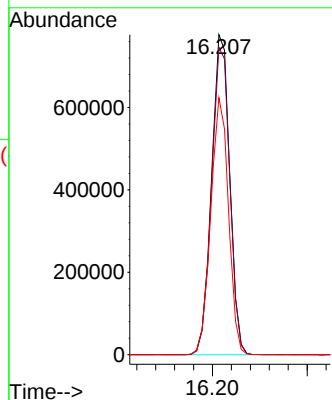
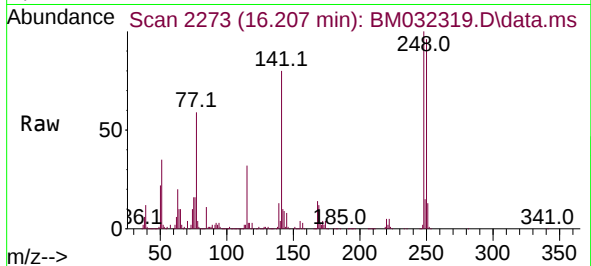




#67
4-Bromophenyl-phenylether
Concen: 65.175 ng
RT: 16.207 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

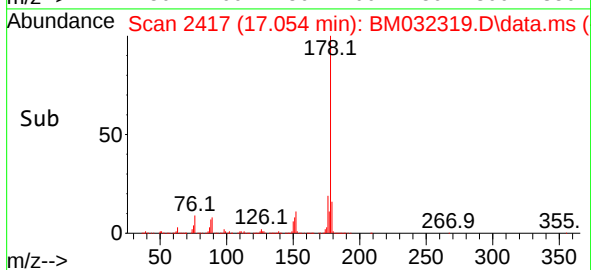
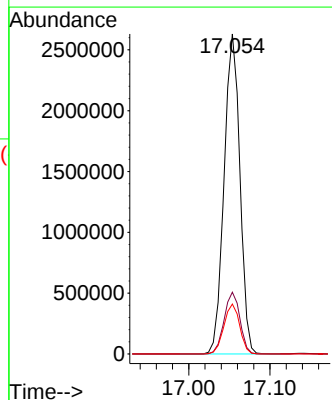
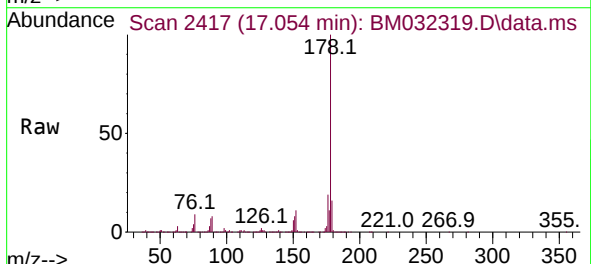
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

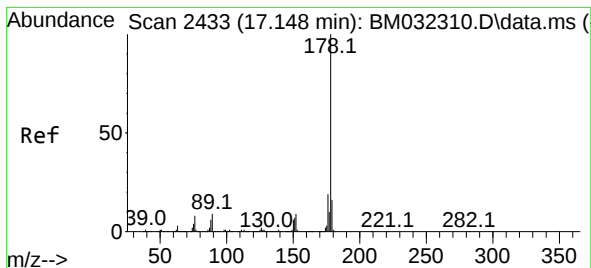
Tgt Ion:248 Resp: 1033215
Ion Ratio Lower Upper
248 100
250 96.0 77.4 116.2
141 80.3 74.1 111.1



#71
Phenanthrene
Concen: 44.605 ng
RT: 17.054 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:178 Resp: 3565979
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.6 12.4 18.6





#72

Anthracene

Concen: 45.649 ng

RT: 17.054 min Scan# 24

Delta R.T. -0.094 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

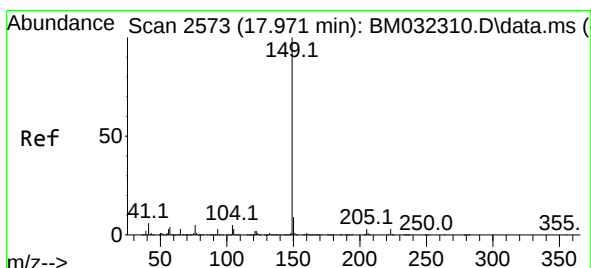
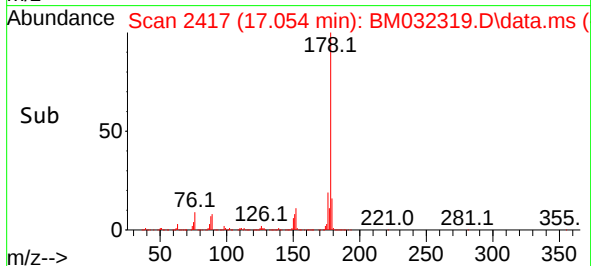
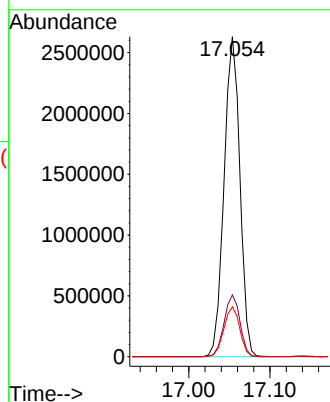
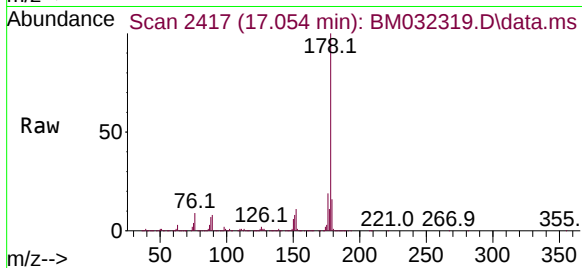
Tgt Ion:178 Resp: 3565979

Ion Ratio Lower Upper

178 100

176 19.3 14.8 22.2

179 15.6 12.3 18.5



#74

Di-n-butylphthalate

Concen: 104.005 ng

RT: 17.971 min Scan# 2573

Delta R.T. 0.000 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

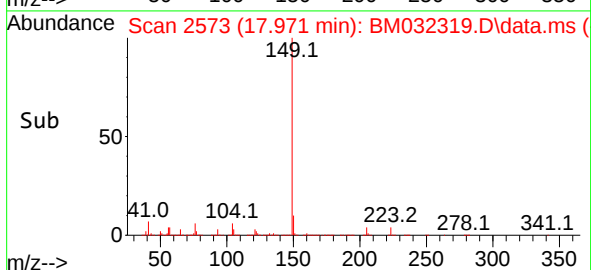
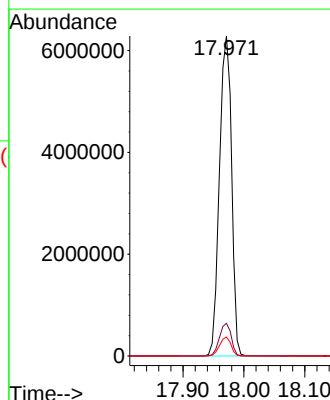
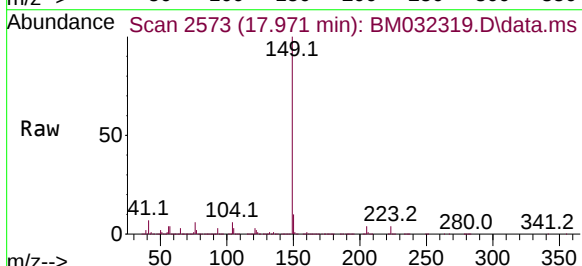
Tgt Ion:149 Resp: 8667406

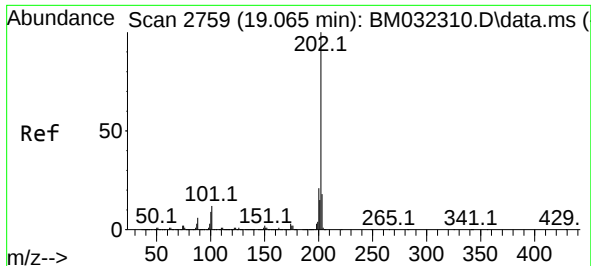
Ion Ratio Lower Upper

149 100

150 10.2 7.3 10.9

104 5.9 5.6 8.4

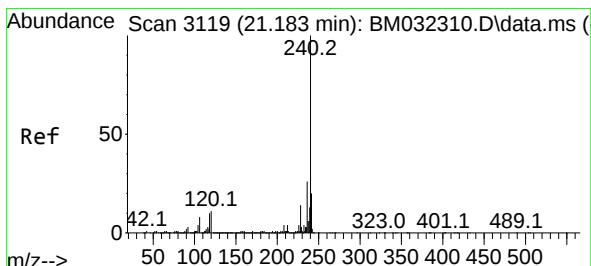
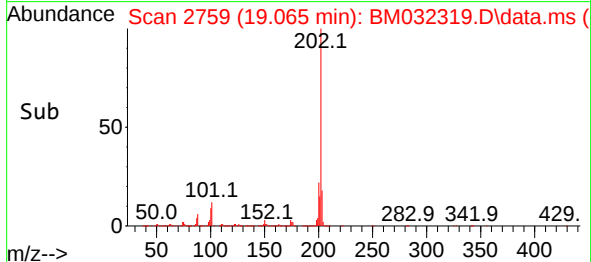
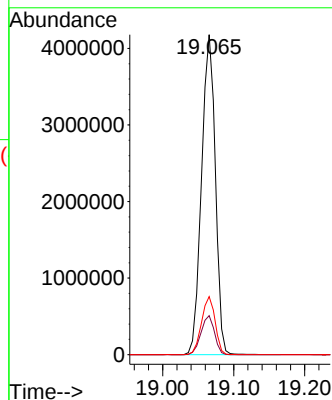
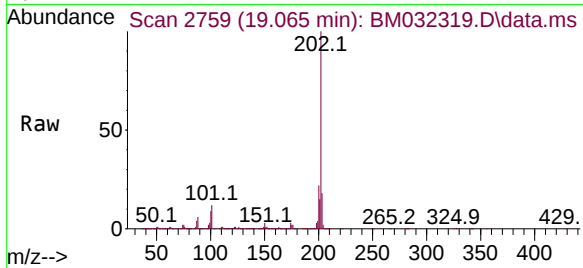




#75
Fluoranthene
Concen: 63.842 ng
RT: 19.065 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

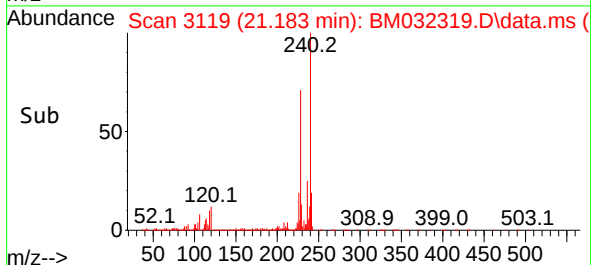
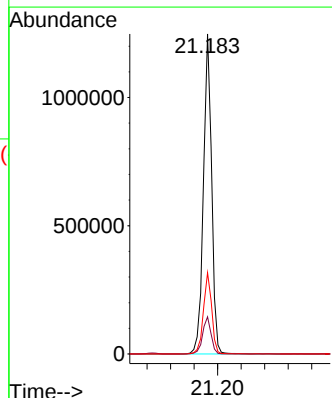
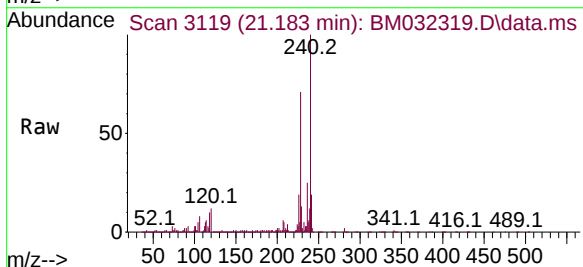
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

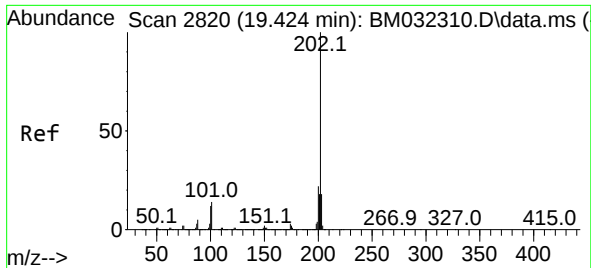
Tgt Ion:202 Resp: 5659720
Ion Ratio Lower Upper
202 100
101 12.2 0.0 29.9
203 18.2 0.0 36.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.183 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:240 Resp: 1208234
Ion Ratio Lower Upper
240 100
120 11.6 7.8 11.6
236 25.4 20.9 31.3

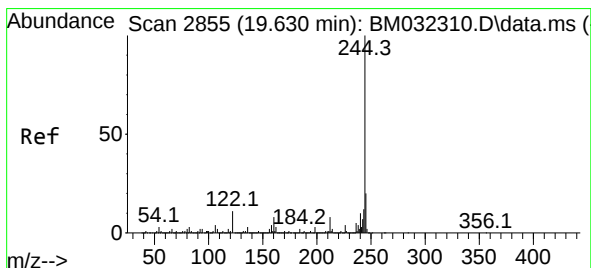
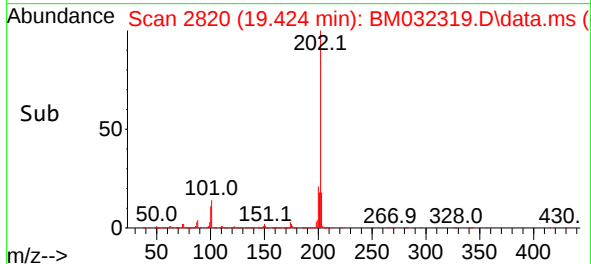
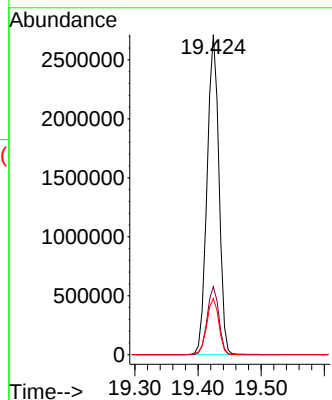
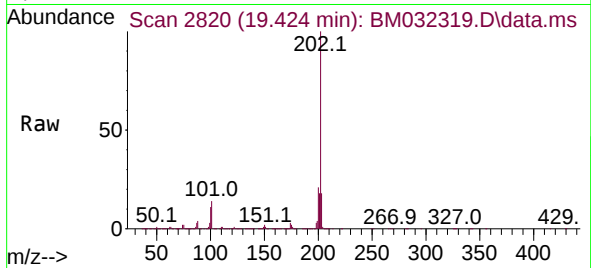




#78
Pyrene
Concen: 42.963 ng
RT: 19.424 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

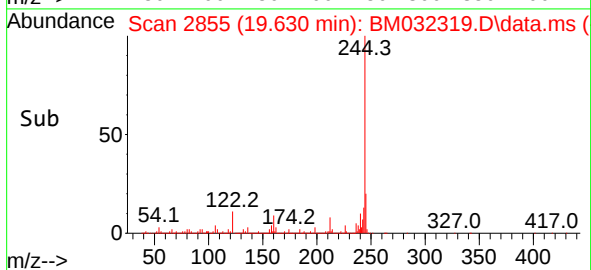
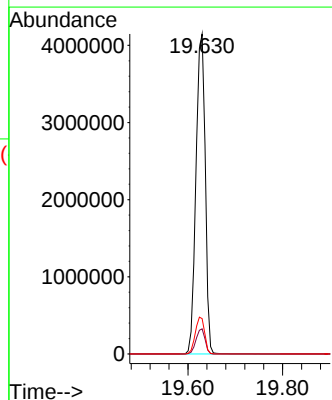
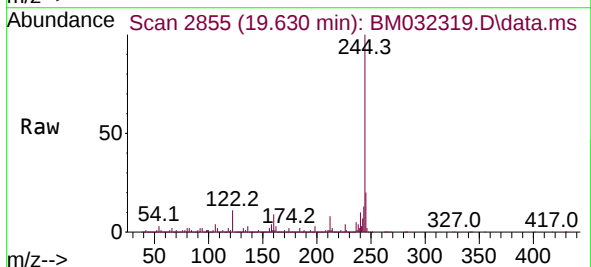
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

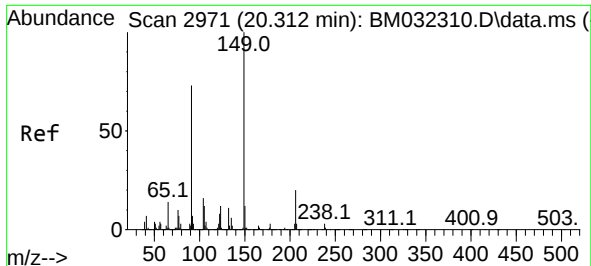
Tgt Ion:202 Resp: 3520012
Ion Ratio Lower Upper
202 100
200 21.3 16.6 25.0
203 17.5 13.7 20.5



#79
Terphenyl-d14
Concen: 98.415 ng
RT: 19.630 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:244 Resp: 5646090
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 11.0 8.7 13.1

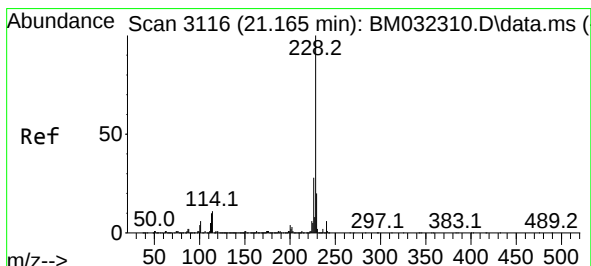
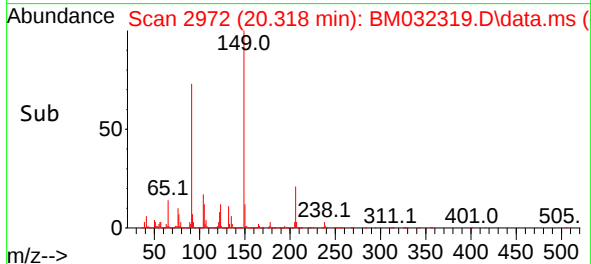
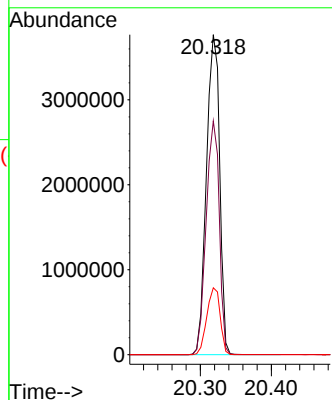
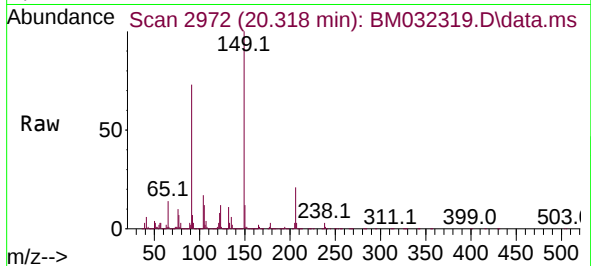




#80
Butylbenzylphthalate
Concen: 157.005 ng
RT: 20.318 min Scan# 2971
Delta R.T. 0.006 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

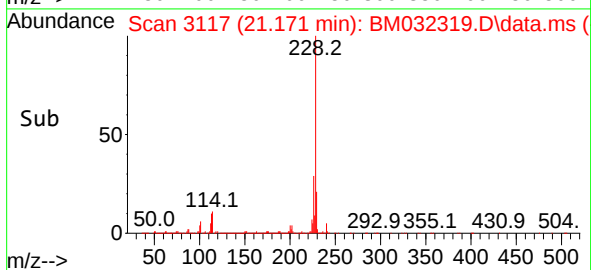
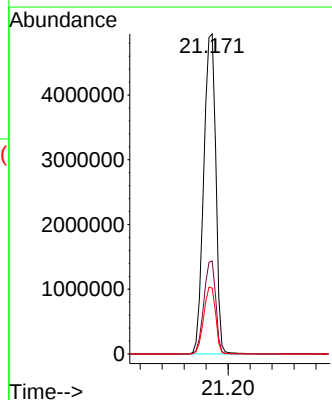
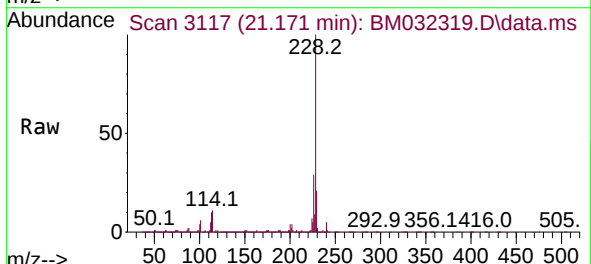
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

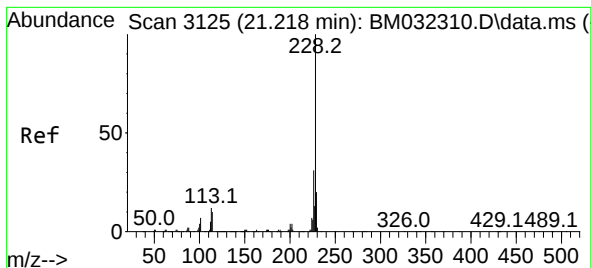
Tgt Ion:149 Resp: 4885846
Ion Ratio Lower Upper
149 100
91 73.1 64.0 96.0
206 20.9 14.4 21.6



#81
Benzo(a)anthracene
Concen: 99.788 ng
RT: 21.171 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:228 Resp: 7536175
Ion Ratio Lower Upper
228 100
226 29.1 21.4 32.2
229 20.6 15.3 22.9





#83

Chrysene

Concen: 103.150 ng

RT: 21.171 min Scan# 31

Delta R.T. -0.047 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

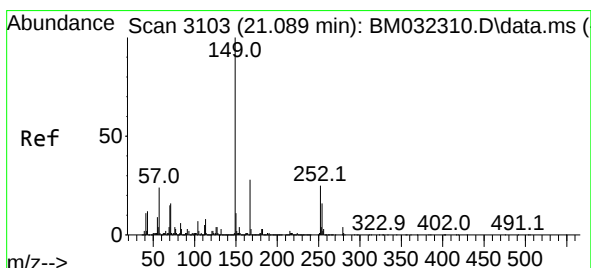
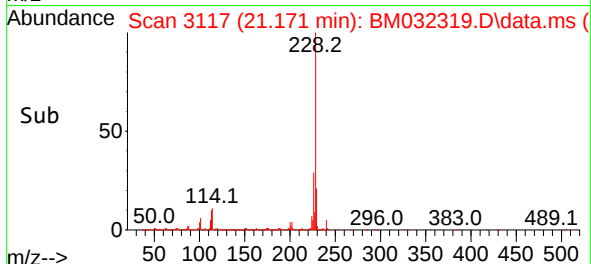
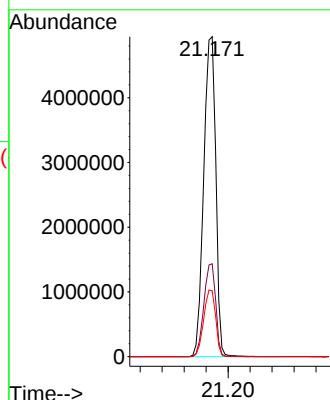
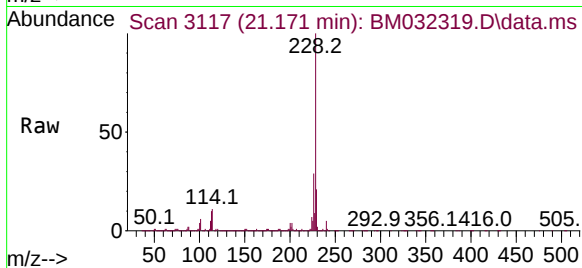
Tgt Ion:228 Resp: 7536175

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

229 20.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 140.646 ng

RT: 21.089 min Scan# 3103

Delta R.T. 0.000 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

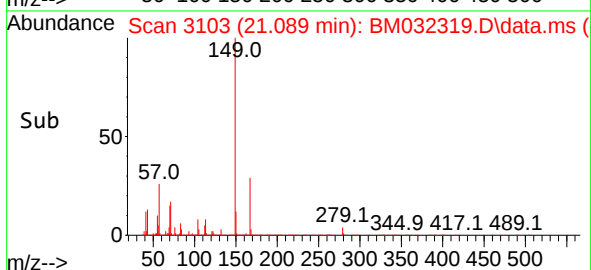
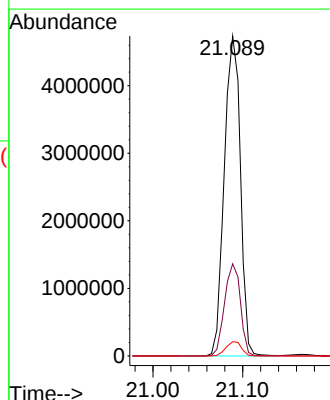
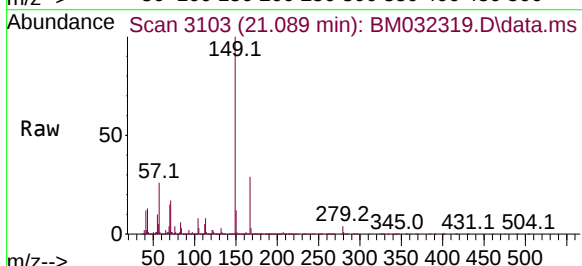
Tgt Ion:149 Resp: 5901165

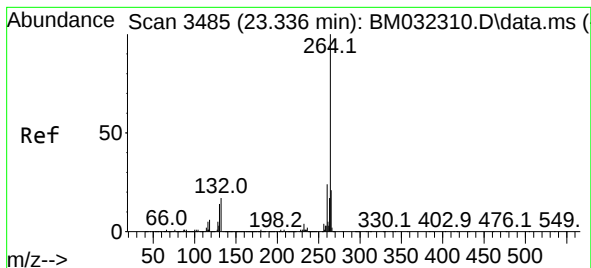
Ion Ratio Lower Upper

149 100

167 28.8 19.7 29.5

279 4.5 2.6 4.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.336 min Scan# 34

Delta R.T. 0.000 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

Instrument :

BNA_M

ClientSampleId :

PT-BN-WP

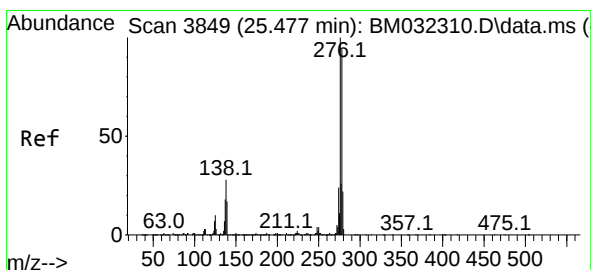
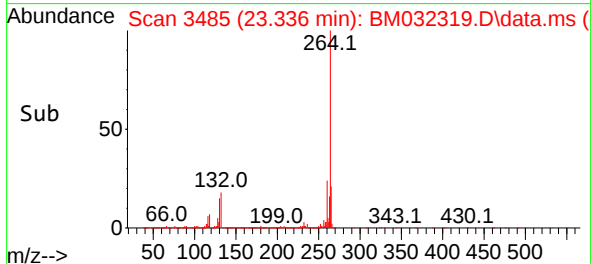
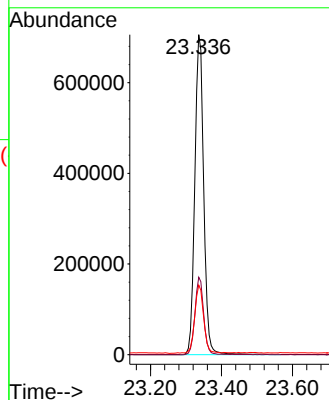
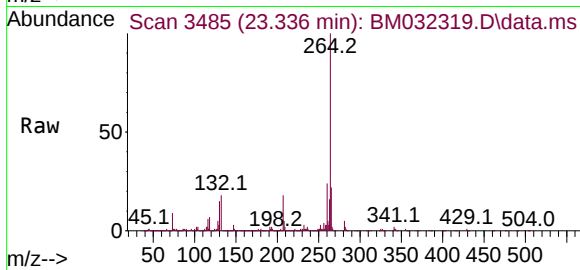
Tgt Ion:264 Resp: 1231126

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.8 18.3 27.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 51.978 ng

RT: 25.483 min Scan# 3850

Delta R.T. 0.006 min

Lab File: BM032319.D

Acq: 04 Oct 2021 11:14

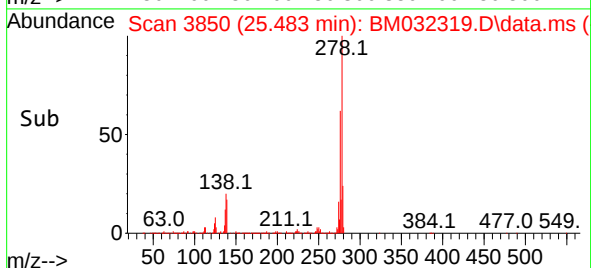
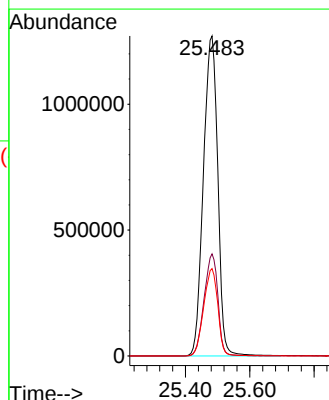
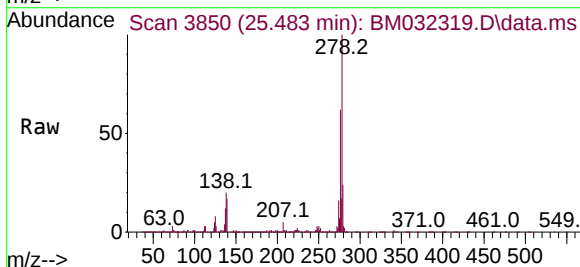
Tgt Ion:276 Resp: 3943248

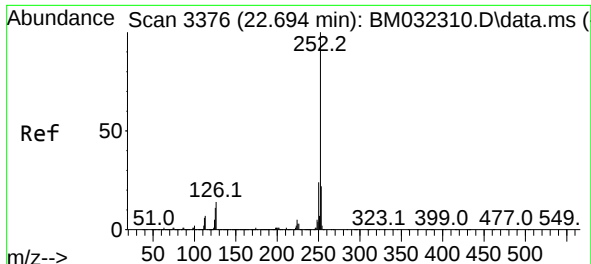
Ion Ratio Lower Upper

276 100

138 30.6 18.4 27.6#

277 26.8 20.1 30.1

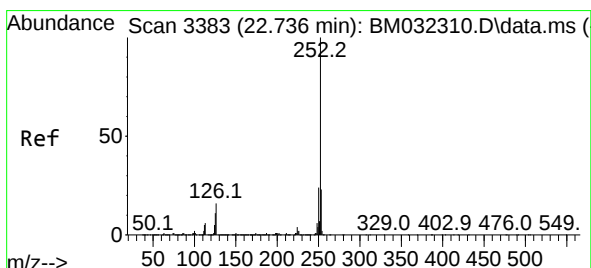
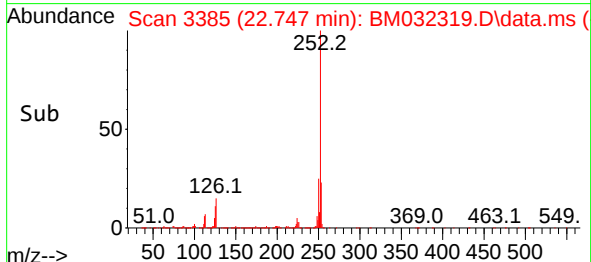
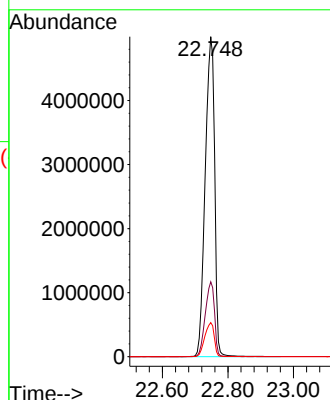
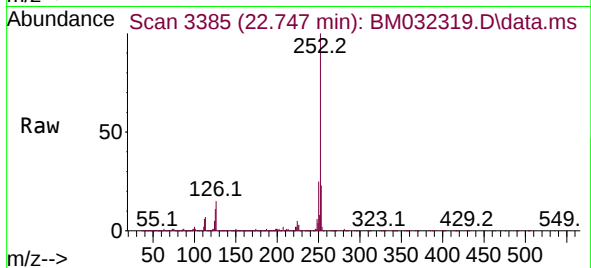




#88
Benzo(b)fluoranthene
Concen: 133.540 ng
RT: 22.747 min Scan# 3376
Delta R.T. 0.053 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

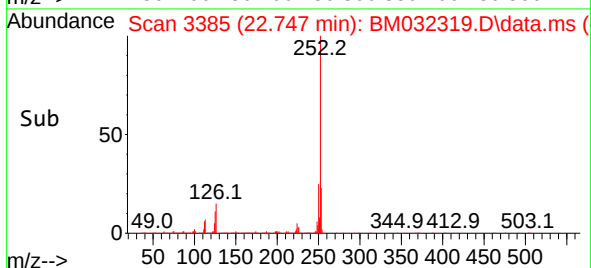
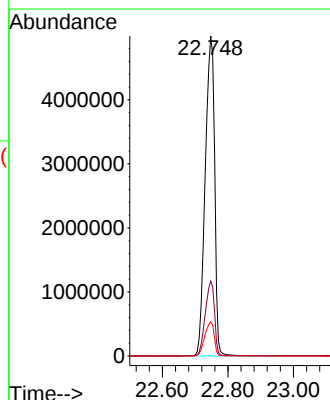
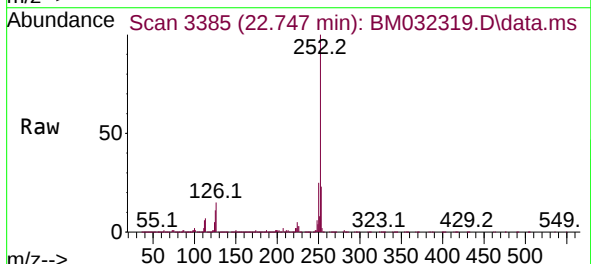
Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

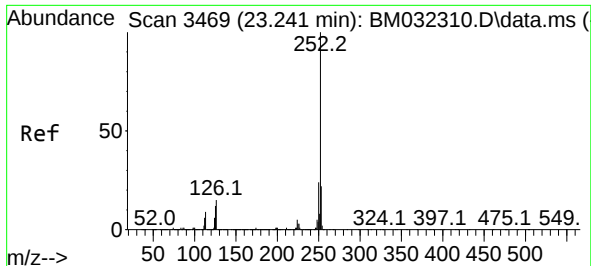
Tgt Ion:252 Resp:10000860
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 10.7 7.5 11.3



#89
Benzo(k)fluoranthene
Concen: 136.699 ng
RT: 22.747 min Scan# 3385
Delta R.T. 0.012 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:252 Resp:10000860
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 10.7 7.5 11.3

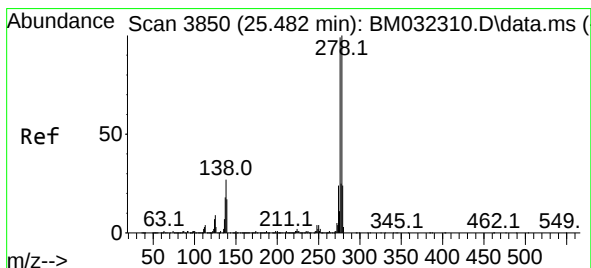
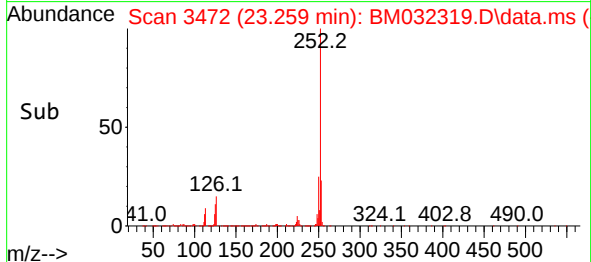
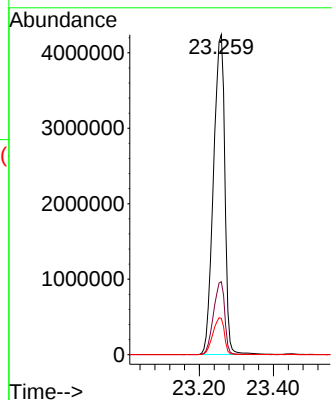
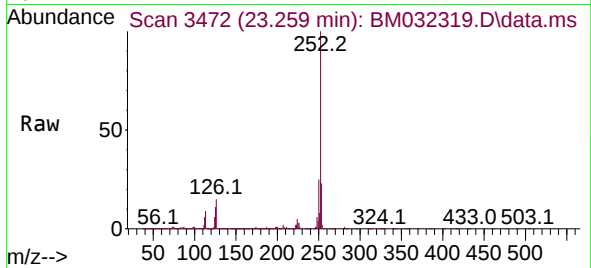




#90
Benzo(a)pyrene
Concen: 148.653 ng
RT: 23.259 min Scan# 3469
Delta R.T. 0.018 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Instrument :
BNA_M
ClientSampleId :
PT-BN-WP

Tgt Ion:252 Resp: 9027986
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.4 8.1 12.1



#91
Dibenzo(a,h)anthracene
Concen: 86.011 ng
RT: 25.488 min Scan# 3851
Delta R.T. 0.006 min
Lab File: BM032319.D
Acq: 04 Oct 2021 11:14

Tgt Ion:278 Resp: 5501104
Ion Ratio Lower Upper
278 100
139 17.3 10.9 16.3#
279 24.6 18.2 27.2

