

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
 Data File : BM036222.D
 Acq On : 11 Aug 2022 23:02
 Operator : CG/JU
 Sample : N4143-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-24051

Quant Time: Aug 12 02:20:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 22:19:26 2022
 Response via : Initial Calibration

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

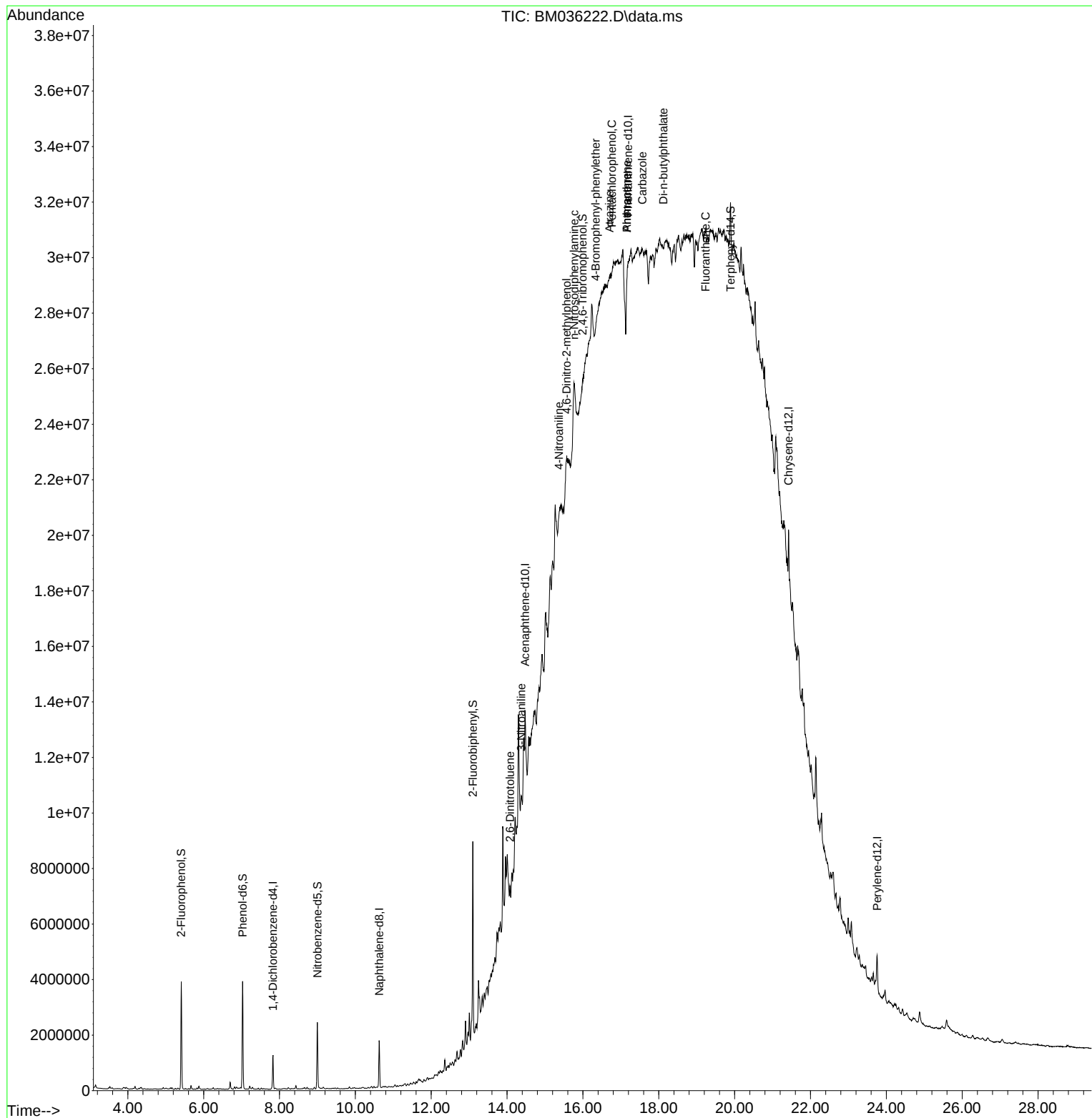
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	328009	20.000	ng	0.00
21) Naphthalene-d8	10.627	136	1434150	20.000	ng	-0.01
39) Acenaphthene-d10	14.474	164	798880	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	58830	20.000	ng	#-0.02
76) Chrysene-d12	21.421	240	989482	20.000	ng	# 0.02
86) Perylene-d12	23.756	264	937074	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1724087	85.217	ng	0.00
7) Phenol-d6	7.028	99	2249178	87.369	ng	0.00
23) Nitrobenzene-d5	8.998	82	1337985	52.223	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	828337	88.385	ng	0.02
45) 2-Fluorobiphenyl	13.098	172	3391631	62.683	ng	0.00
79) Terphenyl-d14	19.892	244	2558907	51.009	ng	0.05
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.080	165	56782	5.209	ng	# 25
53) 3-Nitroaniline	14.374	138	68070	5.353	ng	# 19
62) 4-Nitroaniline	15.368	138	314635	24.049	ng	82
65) 4,6-Dinitro-2-methylph...	15.568	198	11767	39.118	ng	# 1
66) n-Nitrosodiphenylamine	15.768	169	387130	233.105	ng	# 76
67) 4-Bromophenyl-phenylether	16.339	248	43458	73.851	ng	# 1
69) Atrazine	16.698	200	35945	77.351	ng	# 1
70) Pentachlorophenol	16.762	266	13501	34.142	ng	# 36
71) Phenanthrene	17.162	178	73598	24.556	ng	# 1
72) Anthracene	17.162	178	73598	25.364	ng	# 1
73) Carbazole	17.568	167	26048	8.860	ng	# 1
74) Di-n-butylphthalate	18.121	149	108948	31.042	ng	# 20
75) Fluoranthene	19.233	202	11253	3.354	ng	# 1

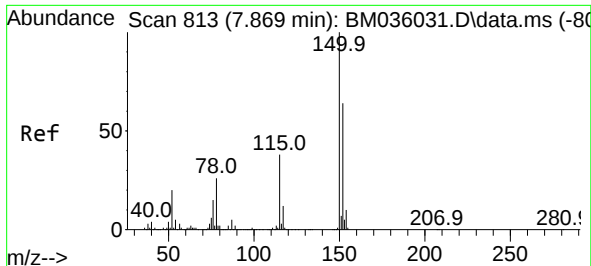
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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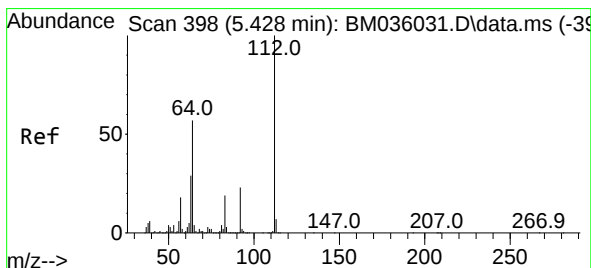
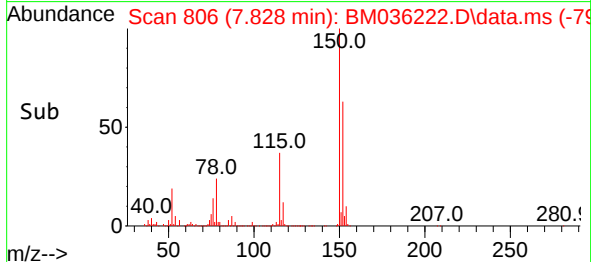
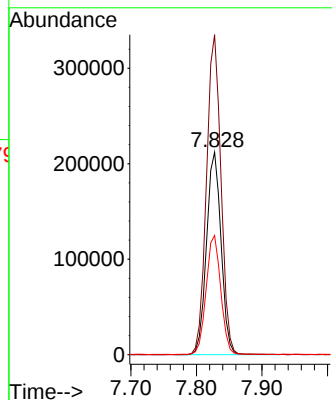
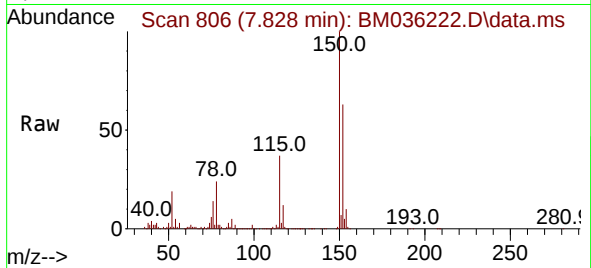




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

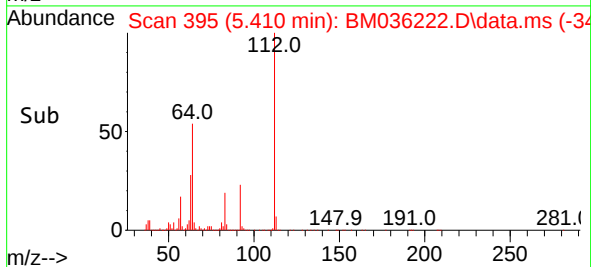
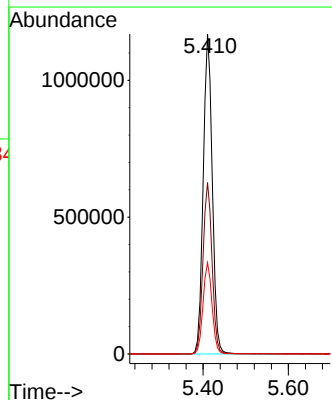
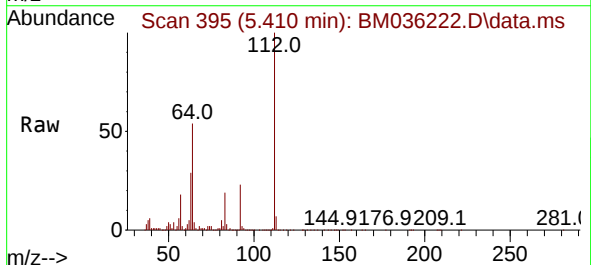
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BNA_M
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CHRT-24051

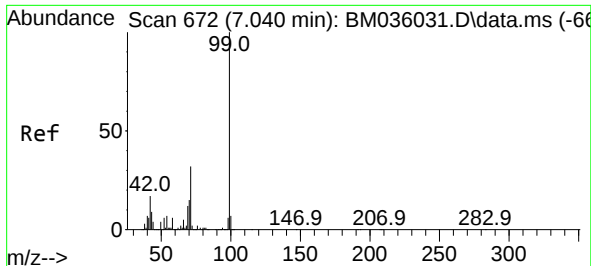
Tgt Ion:152 Resp: 328009
Ion Ratio Lower Upper
152 100
150 158.0 124.9 187.3
115 58.9 47.9 71.9



#5
2-Fluorophenol
Concen: 85.217 ng
RT: 5.410 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

Tgt Ion:112 Resp: 1724087
Ion Ratio Lower Upper
112 100
64 53.5 47.8 71.6
63 28.5 26.6 40.0

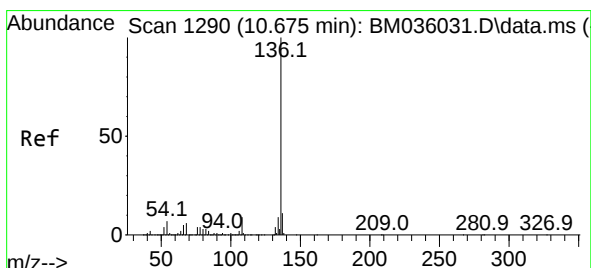
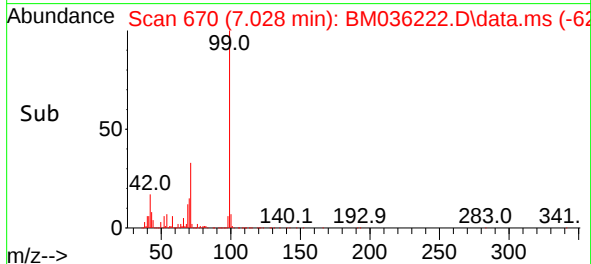
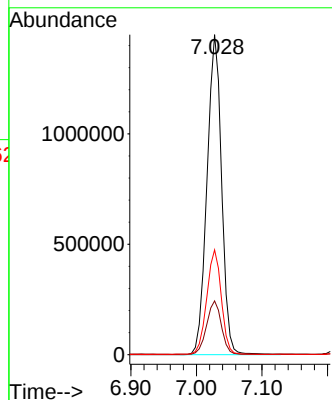
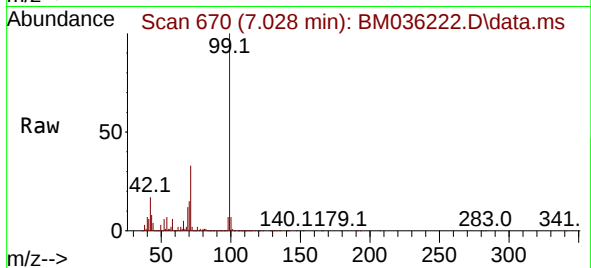




#7
Phenol-d6
Concen: 87.369 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

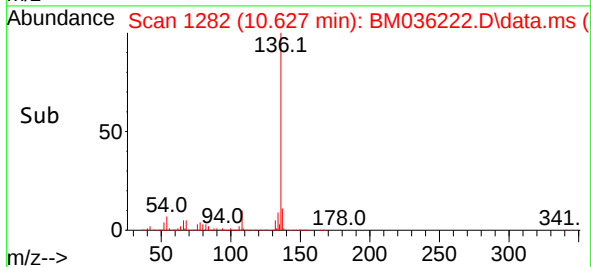
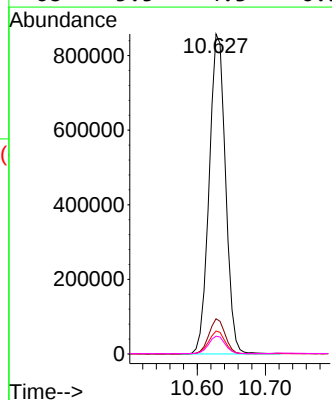
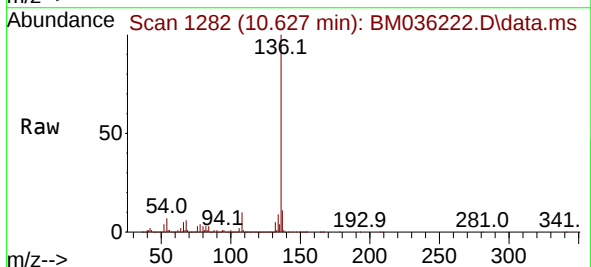
Instrument :
BNA_M
ClientSampleId :
CHRT-24051

Tgt Ion: 99 Resp: 2249178
Ion Ratio Lower Upper
99 100
42 16.8 18.8 28.2#
71 32.7 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.627 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

Tgt Ion: 136 Resp: 1434150
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 7.0 10.4
68 5.5 4.3 6.5

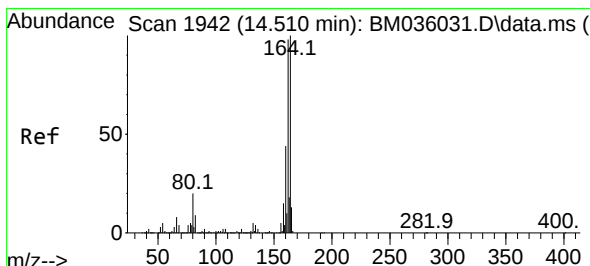
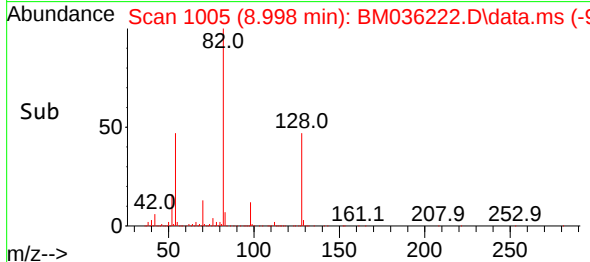
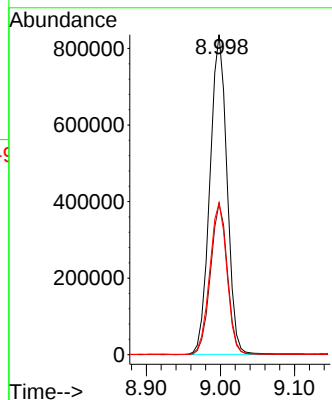
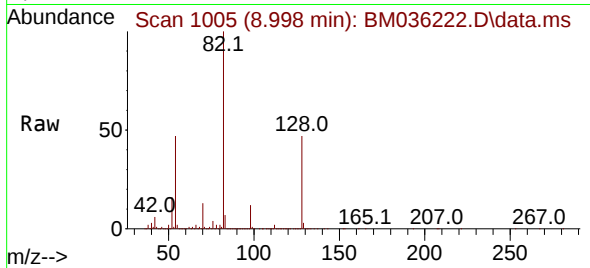




#23
Nitrobenzene-d5
Concen: 52.223 ng
RT: 8.998 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

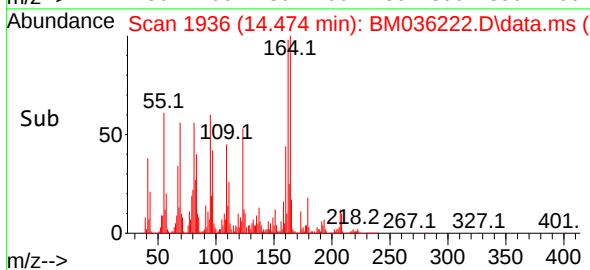
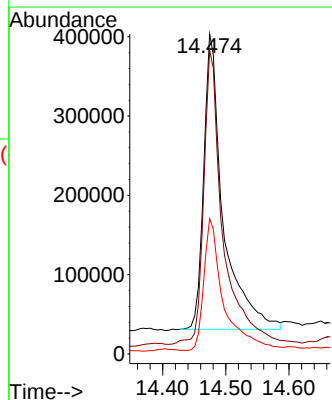
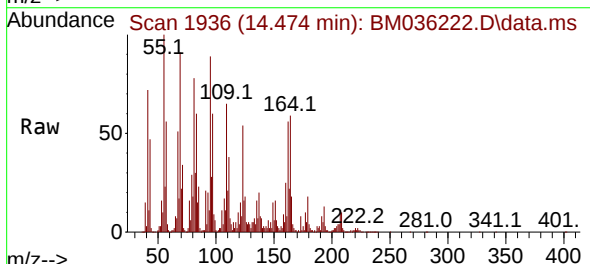
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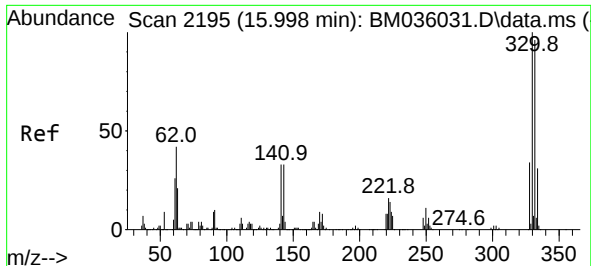
Tgt Ion: 82 Resp: 1337985
Ion Ratio Lower Upper
82 100
128 47.3 33.7 50.5
54 47.4 43.2 64.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

Tgt Ion:164 Resp: 798880
Ion Ratio Lower Upper
164 100
162 94.9 83.0 124.6
160 42.3 37.0 55.4

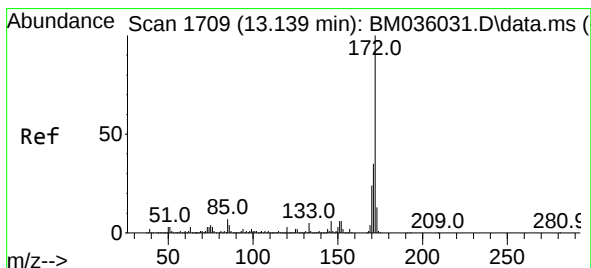
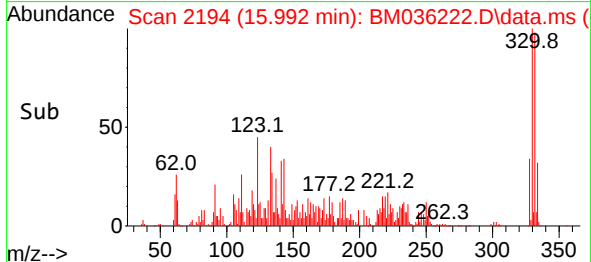
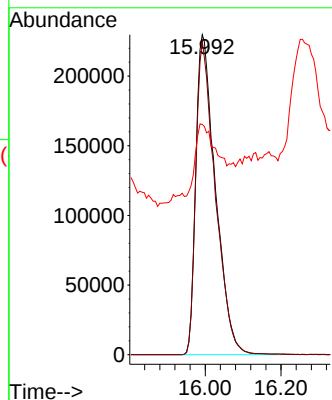
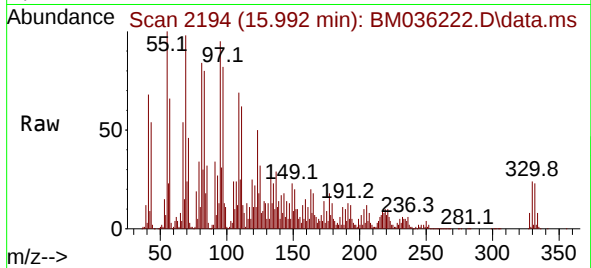




#42
2,4,6-Tribromophenol
Concen: 88.385 ng
RT: 15.992 min Scan# 2195
Delta R.T. 0.023 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

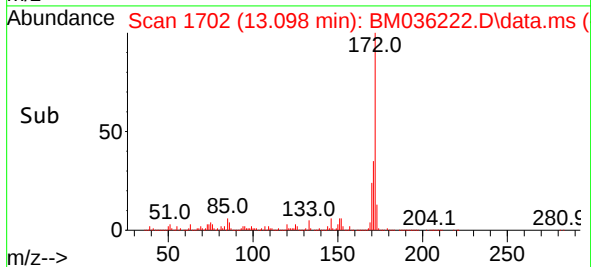
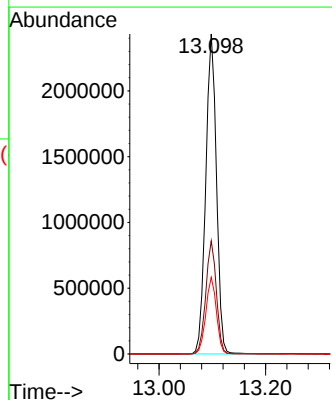
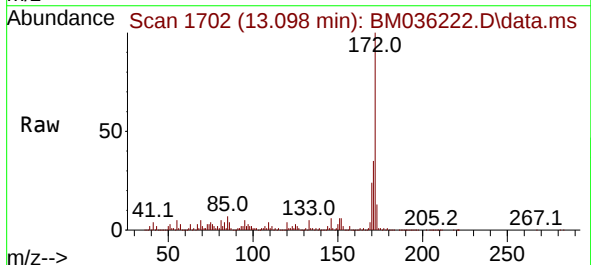
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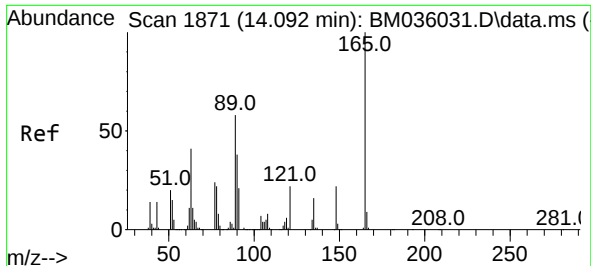
Tgt Ion:330 Resp: 828337
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 26.9 35.3 52.9#



#45
2-Fluorobiphenyl
Concen: 62.683 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

Tgt Ion:172 Resp: 3391631
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 24.0 18.7 28.1

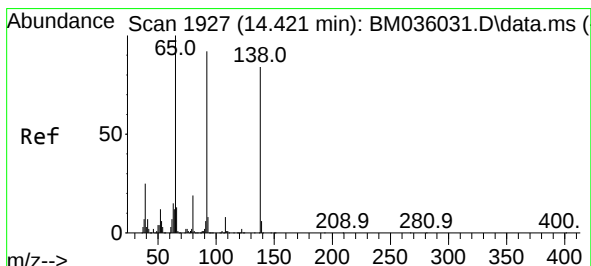
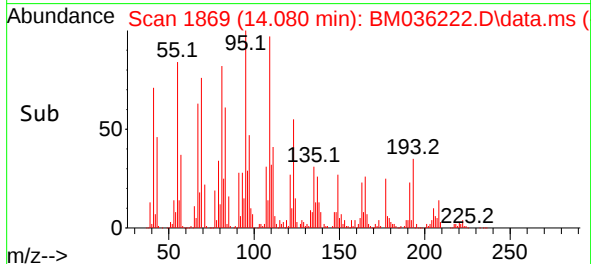
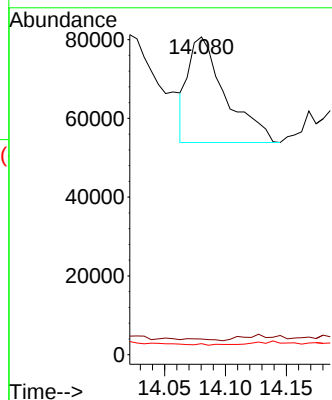
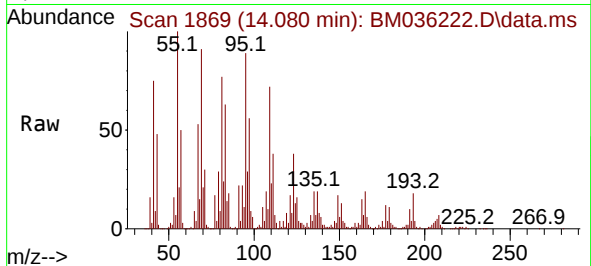




#51
2,6-Dinitrotoluene
Concen: 5.209 ng
RT: 14.080 min Scan# 1869
Delta R.T. 0.012 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

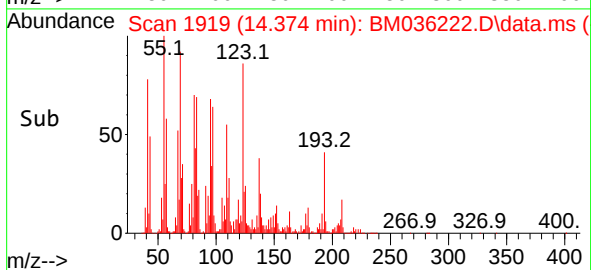
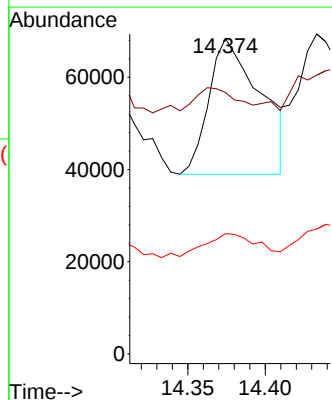
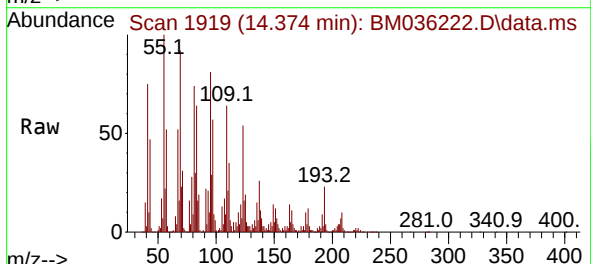
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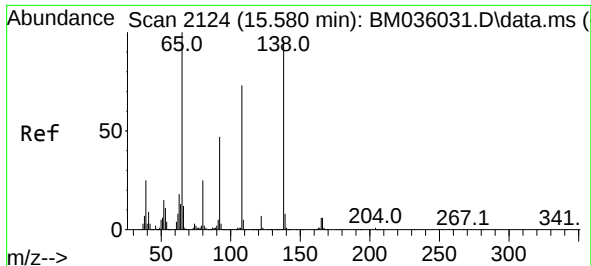
Tgt Ion:165 Resp: 56782
Ion Ratio Lower Upper
165 100
63 4.9 50.2 75.2#
89 3.5 48.4 72.6#



#53
3-Nitroaniline
Concen: 5.353 ng
RT: 14.374 min Scan# 1919
Delta R.T. -0.024 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

Tgt Ion:138 Resp: 68070
Ion Ratio Lower Upper
138 100
108 82.9 8.7 13.1#
92 38.1 91.5 137.3#

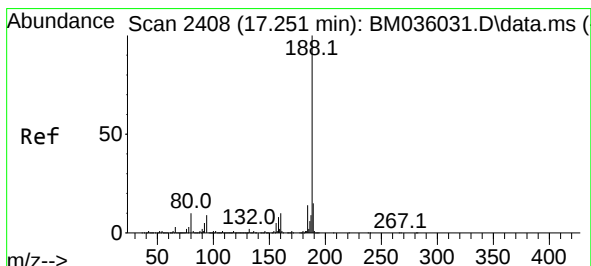
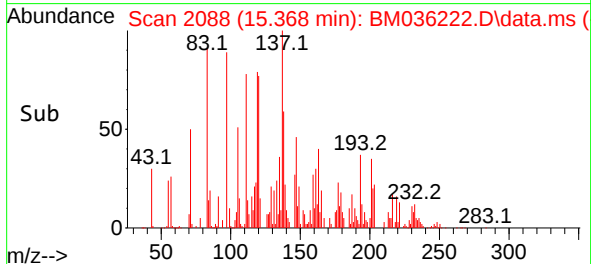
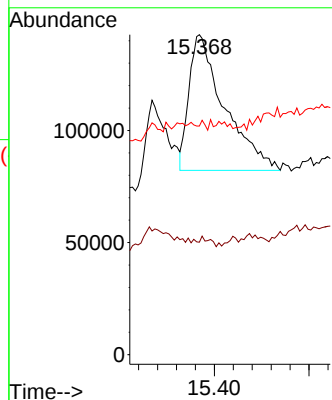
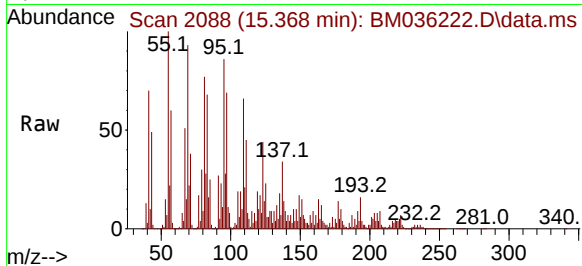




#62
4-Nitroaniline
Concen: 24.049 ng
RT: 15.368 min Scan# 2088
Delta R.T. -0.194 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

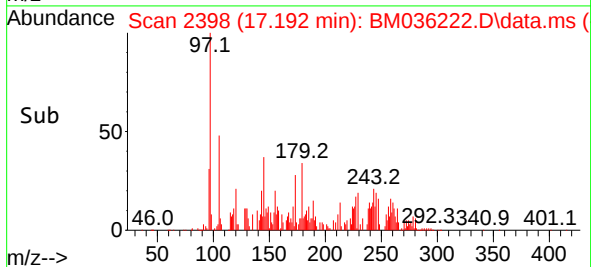
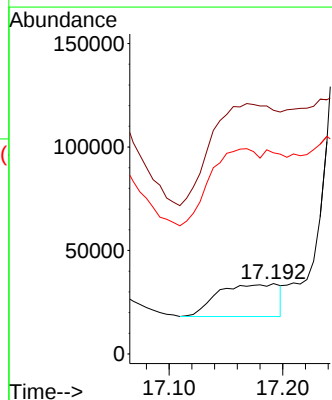
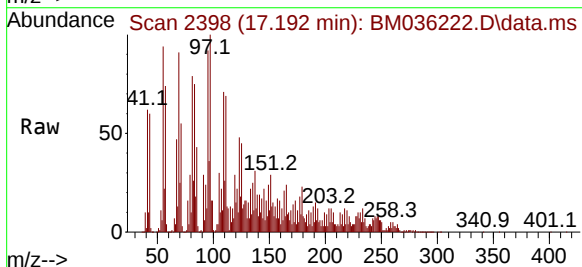
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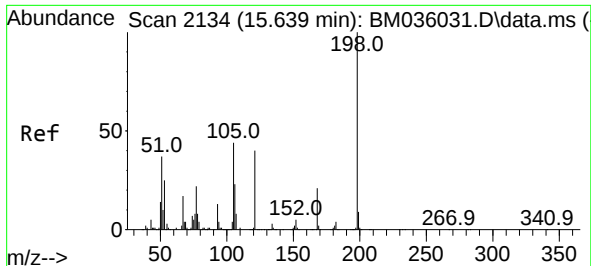
Tgt Ion:138 Resp: 314635
Ion Ratio Lower Upper
138 100
92 35.2 30.8 70.8
108 71.4 65.7 105.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.024 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

Tgt Ion:188 Resp: 58830
Ion Ratio Lower Upper
188 100
94 346.1 7.0 10.4#
80 285.8 7.6 11.4#

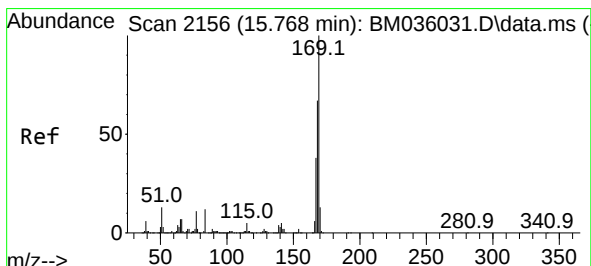
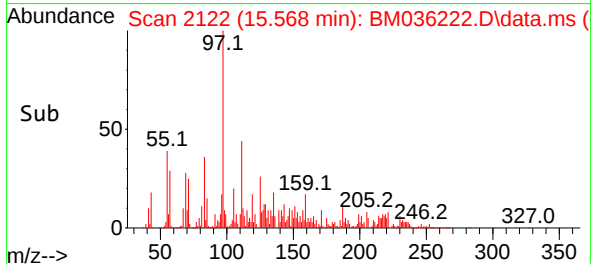
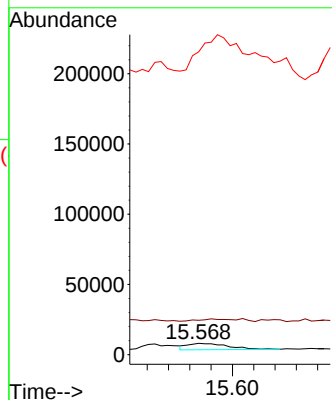
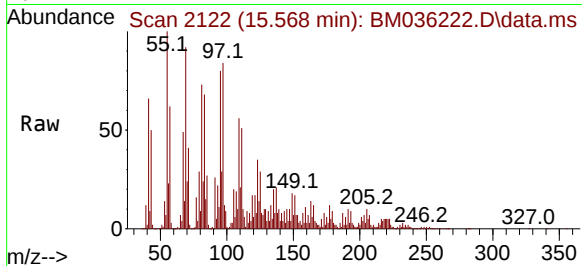




#65
4,6-Dinitro-2-methylphenol
Concen: 39.118 ng
RT: 15.568 min Scan# 2134
Delta R.T. -0.041 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

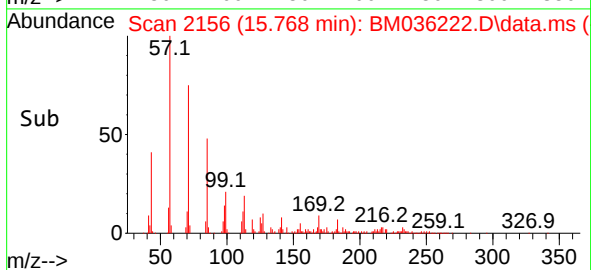
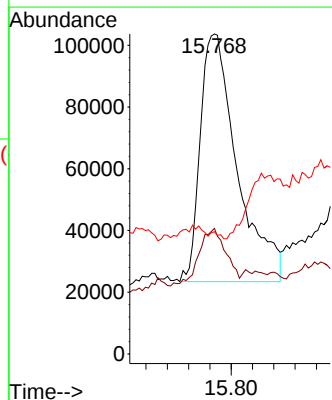
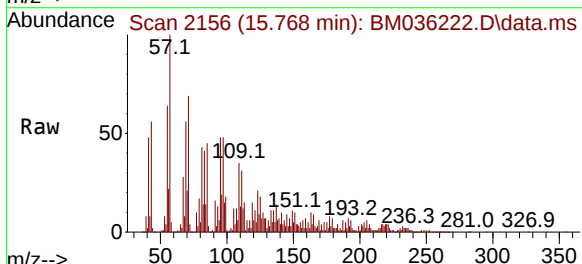
Instrument :
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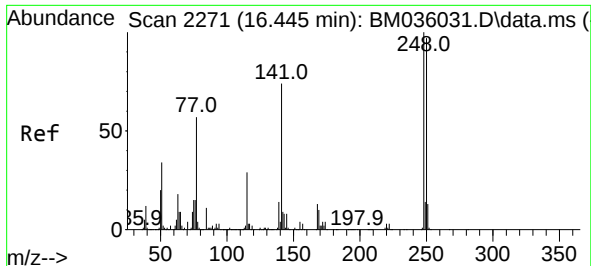
Tgt Ion:198 Resp: 11767
Ion Ratio Lower Upper
198 100
51 303.2 29.0 69.0#
105 2669.3 22.1 62.1#



#66
n-Nitrosodiphenylamine
Concen: 233.105 ng
RT: 15.768 min Scan# 2156
Delta R.T. 0.029 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

Tgt Ion:169 Resp: 387130
Ion Ratio Lower Upper
169 100
168 39.3 54.3 81.5#
167 38.2 29.4 44.0

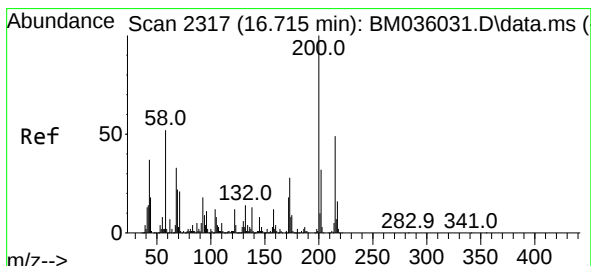
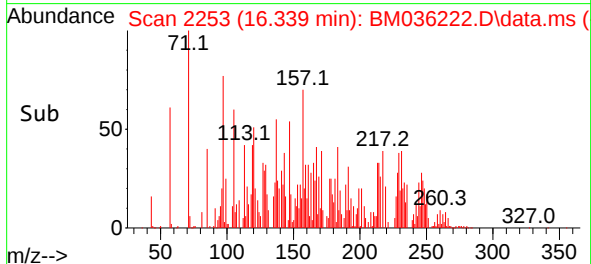
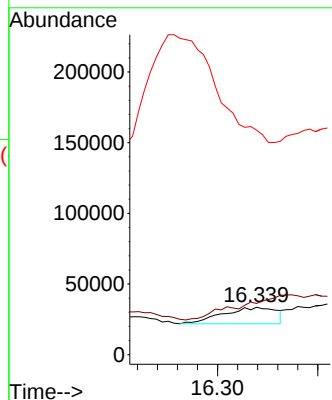
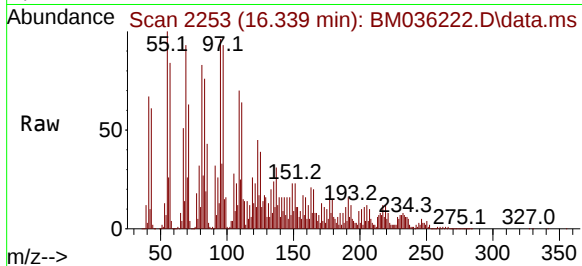




#67
4-Bromophenyl-phenylether
Concen: 73.851 ng
RT: 16.339 min Scan# 21
Delta R.T. -0.071 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

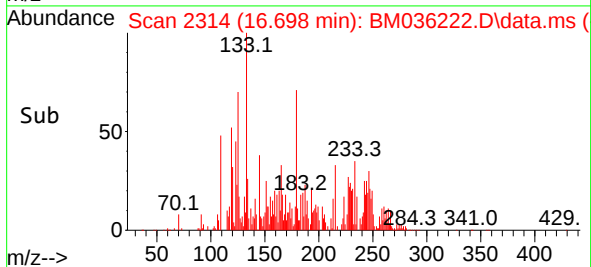
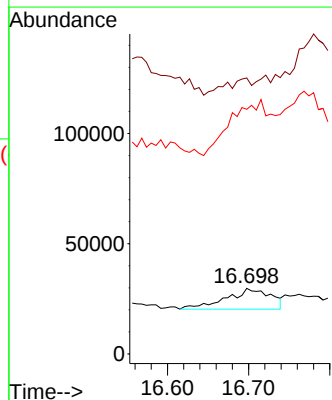
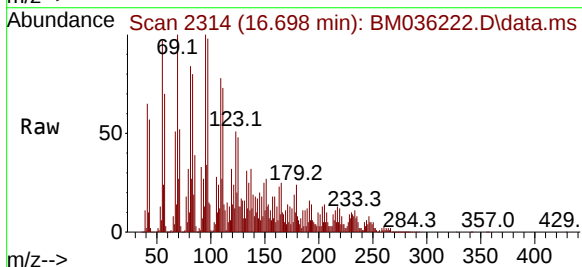
Instrument :
BNA_M
ClientSampleId :
CHRT-24051

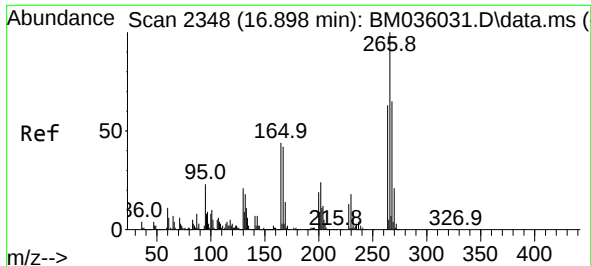
Tgt Ion:248 Resp: 43458
Ion Ratio Lower Upper
248 100
250 107.7 78.0 117.0
141 472.4 66.0 99.0#



#69
Atrazine
Concen: 77.351 ng
RT: 16.698 min Scan# 2314
Delta R.T. 0.006 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

Tgt Ion:200 Resp: 35945
Ion Ratio Lower Upper
200 100
173 420.7 6.6 46.6#
215 372.8 26.2 66.2#

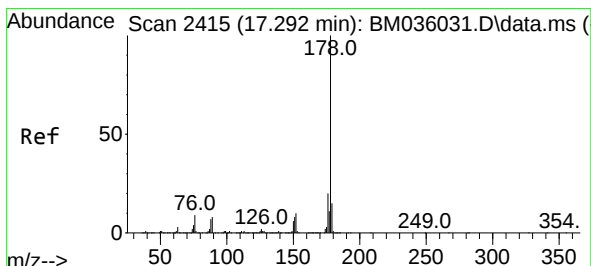
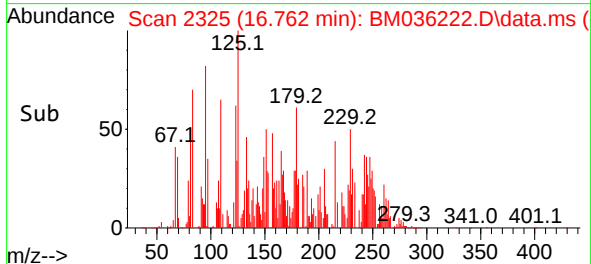
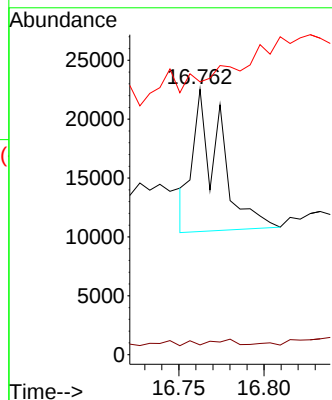
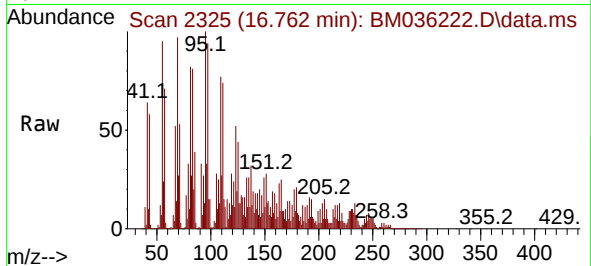




#70
Pentachlorophenol
Concen: 34.142 ng
RT: 16.762 min Scan# 21
Delta R.T. -0.112 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

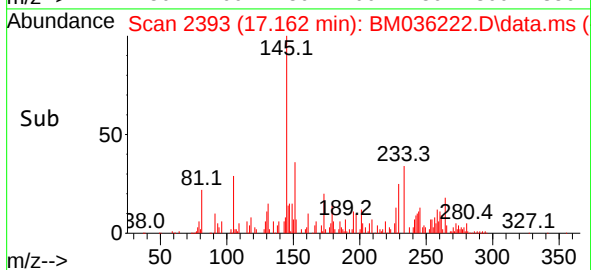
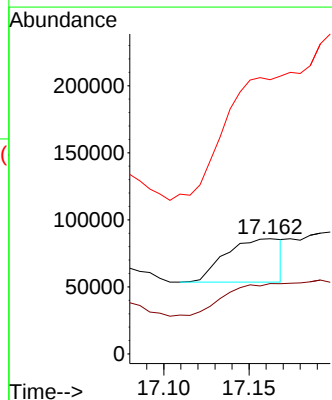
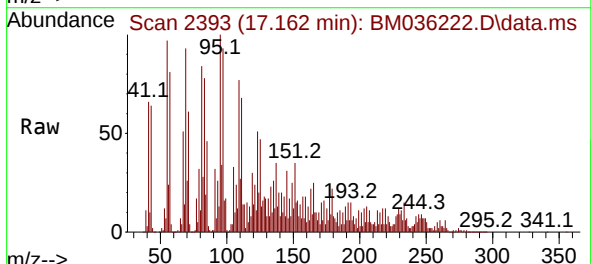
Instrument :
BNA_M
ClientSampleId :
CHRT-24051

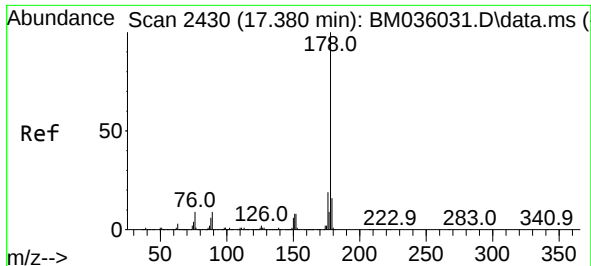
Tgt Ion:266 Resp: 13501
Ion Ratio Lower Upper
266 100
268 3.7 51.9 77.9#
264 102.7 50.6 76.0#



#71
Phenanthrene
Concen: 24.556 ng
RT: 17.162 min Scan# 2393
Delta R.T. -0.100 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

Tgt Ion:178 Resp: 73598
Ion Ratio Lower Upper
178 100
176 61.2 15.4 23.0#
179 238.1 12.4 18.6#

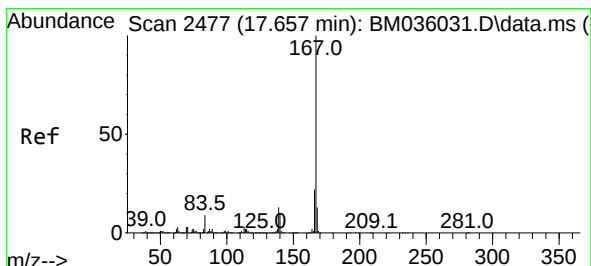
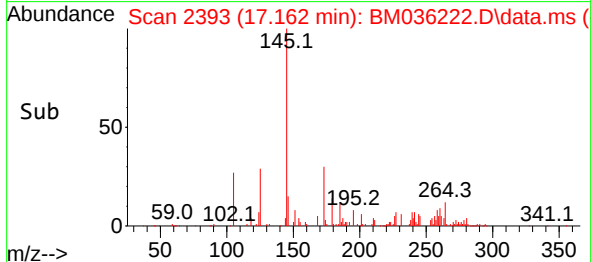
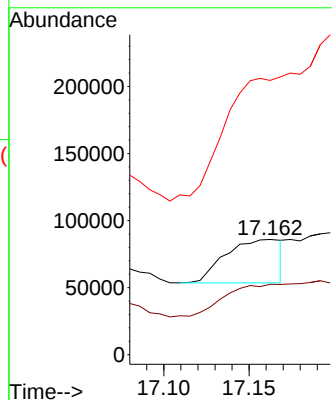
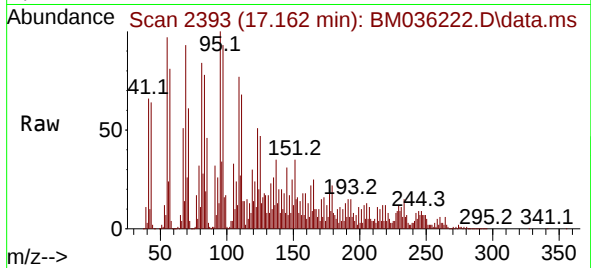




#72
 Anthracene
 Concen: 25.364 ng
 RT: 17.162 min Scan# 21
 Delta R.T. -0.188 min
 Lab File: BM036222.D
 Acq: 11 Aug 2022 23:02

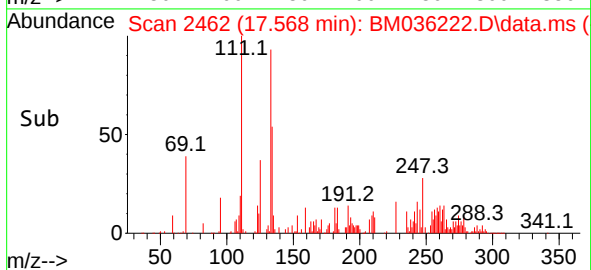
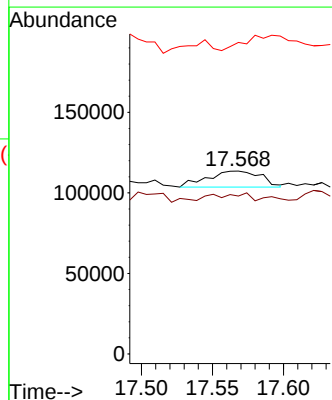
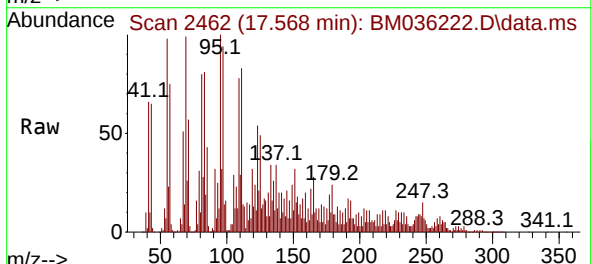
Instrument :
 BNA_M
 ClientSampleId :
 CHRT-24051

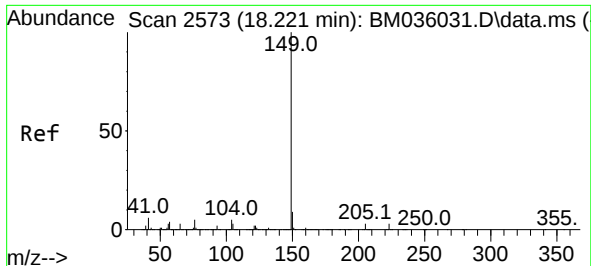
Tgt Ion:178 Resp: 73598
 Ion Ratio Lower Upper
 178 100
 176 61.2 15.0 22.4#
 179 238.1 12.2 18.2#



#73
 Carbazole
 Concen: 8.860 ng
 RT: 17.568 min Scan# 2462
 Delta R.T. -0.065 min
 Lab File: BM036222.D
 Acq: 11 Aug 2022 23:02

Tgt Ion:167 Resp: 26048
 Ion Ratio Lower Upper
 167 100
 166 86.3 17.8 26.8#
 139 170.3 10.9 16.3#

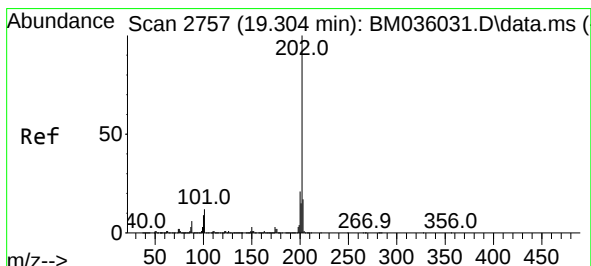
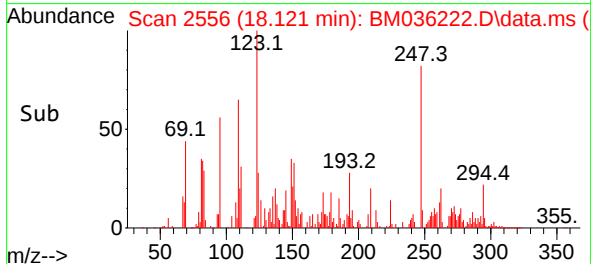
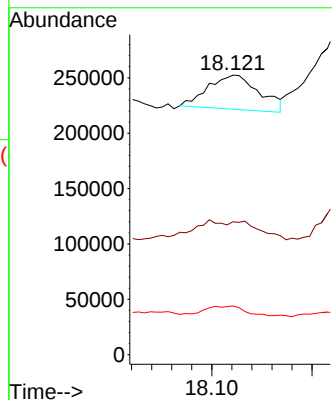
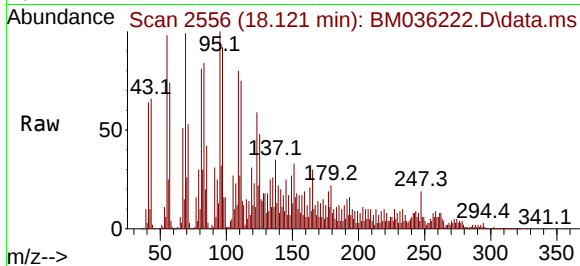




#74
Di-n-butylphthalate
Concen: 31.042 ng
RT: 18.121 min Scan# 21
Delta R.T. -0.065 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

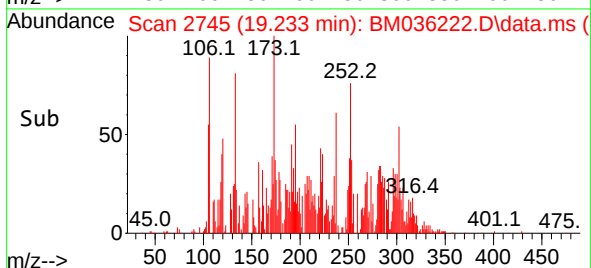
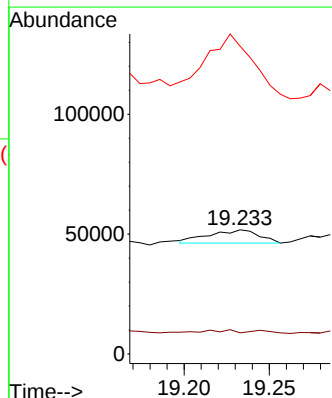
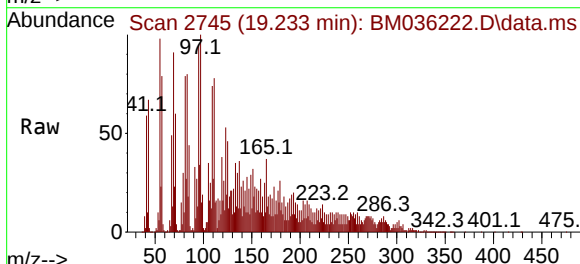
Instrument :
BNA_M
ClientSampleId :
CHRT-24051

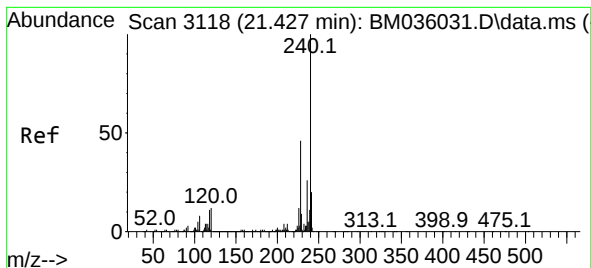
Tgt Ion:149 Resp: 108948
Ion Ratio Lower Upper
149 100
150 47.5 7.3 10.9#
104 17.5 4.3 6.5#



#75
Fluoranthene
Concen: 3.354 ng
RT: 19.233 min Scan# 2745
Delta R.T. -0.041 min
Lab File: BM036222.D
Acq: 11 Aug 2022 23:02

Tgt Ion:202 Resp: 11253
Ion Ratio Lower Upper
202 100
101 17.0 0.0 30.6
203 247.9 0.0 37.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3117

Delta R.T. 0.023 min

Lab File: BM036222.D

Acq: 11 Aug 2022 23:02

Instrument :

BNA_M

ClientSampleId :

CHRT-24051

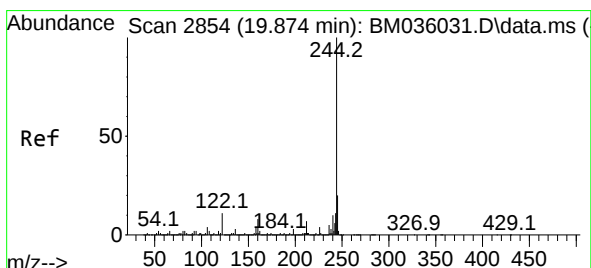
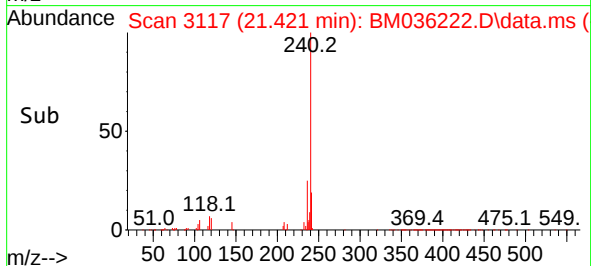
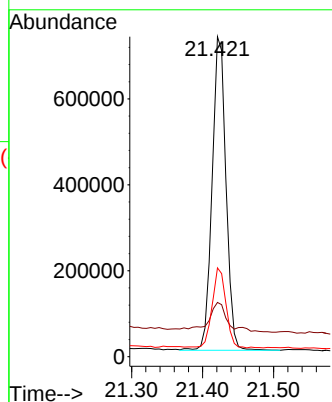
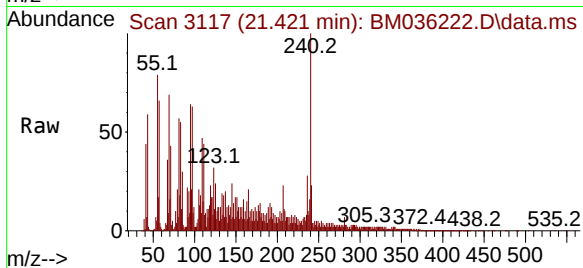
Tgt Ion:240 Resp: 989482

Ion Ratio Lower Upper

240 100

120 17.0 9.4 14.0#

236 27.8 20.6 30.8



#79

Terphenyl-d14

Concen: 51.009 ng

RT: 19.892 min Scan# 2857

Delta R.T. 0.047 min

Lab File: BM036222.D

Acq: 11 Aug 2022 23:02

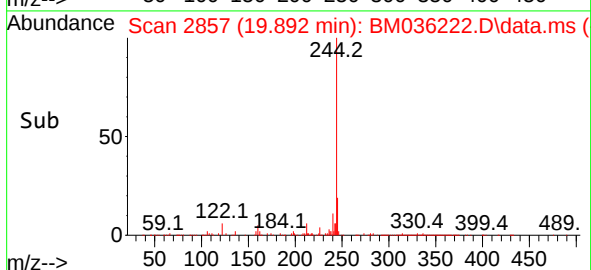
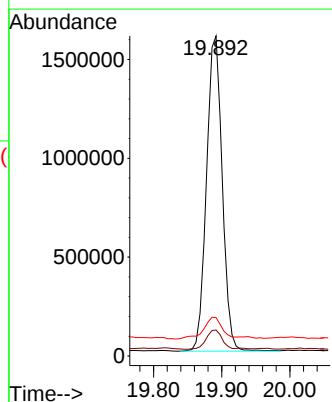
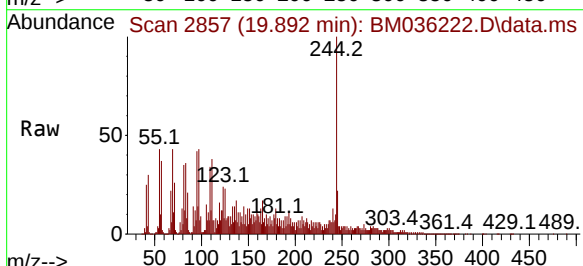
Tgt Ion:244 Resp: 2558907

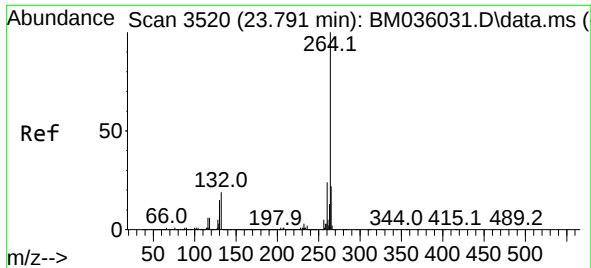
Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

122 12.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.756 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BM036222.D
 Acq: 11 Aug 2022 23:02

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-24051

Tgt Ion:264 Resp: 937074
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 22.9 17.5 26.3

