

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134108.D
 Acq On : 06 Jul 2023 21:17
 Operator : CG\JU
 Sample : 03476-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOREMUS-COMP-2

Quant Time: Jul 07 01:32:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

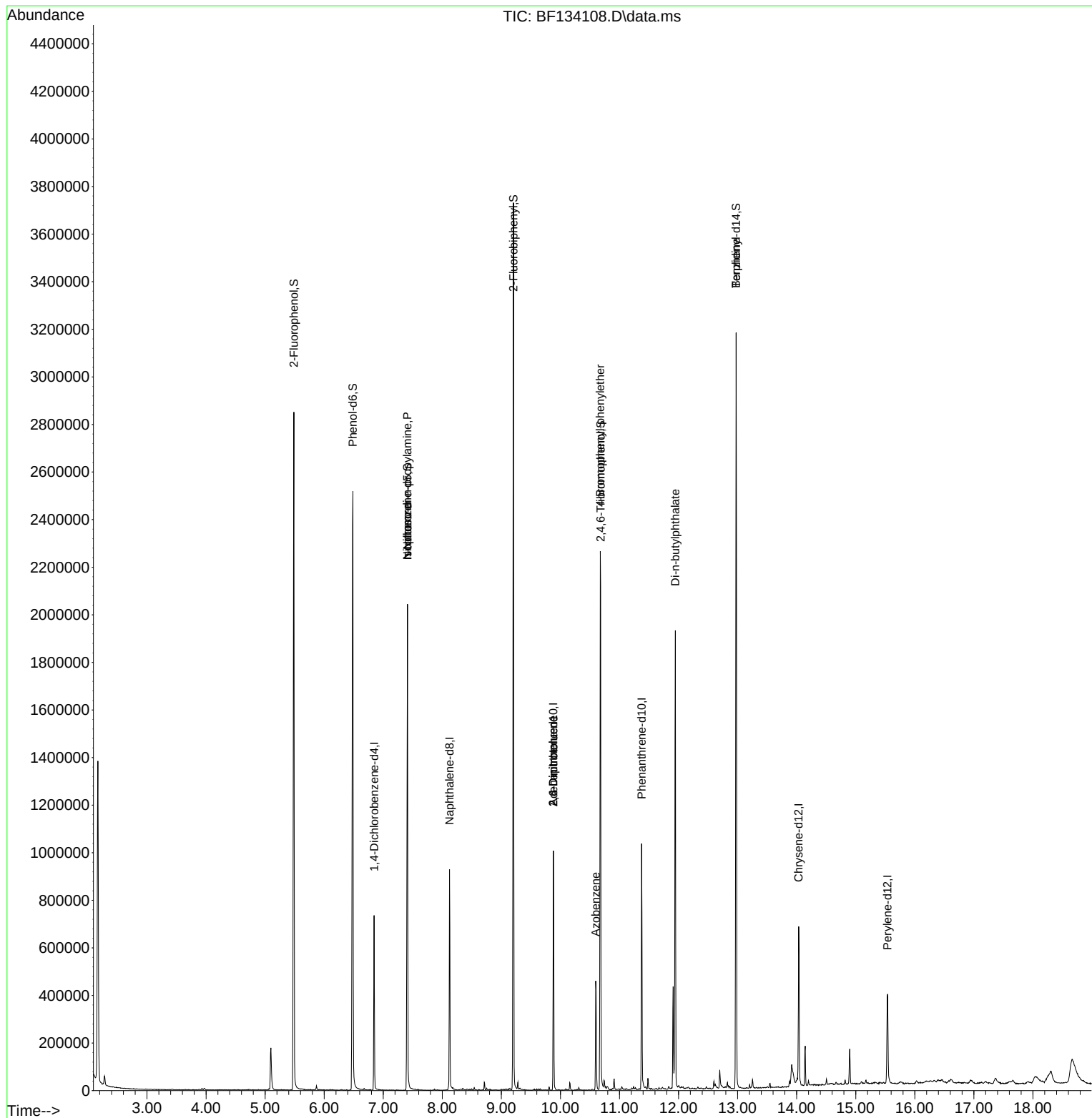
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	98849	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	380154	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	189130	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	365008	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	229385	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	193031	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	752115	127.276	ng	0.00
7) Phenol-d6	6.487	99	912649	125.583	ng	0.00
23) Nitrobenzene-d5	7.410	82	604059	85.655	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	299386	126.253	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1037951	79.790	ng	0.00
79) Terphenyl-d14	12.974	244	1129430	79.243	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	1805	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	87287	18.940	ng	# 77
25) Isophorone	7.410	82	604056	47.129	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	22679	7.670	ng	# 24
57) 2,4-Dinitrotoluene	9.880	165	22679	5.808	ng	# 22
63) Azobenzene	10.598	77	83046	6.138	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	18163	4.682	ng	# 1
74) Di-n-butylphthalate	11.945	149	899854	43.256	ng	99
77) Benzidine	12.974	184	16111	2.952	ng	# 94

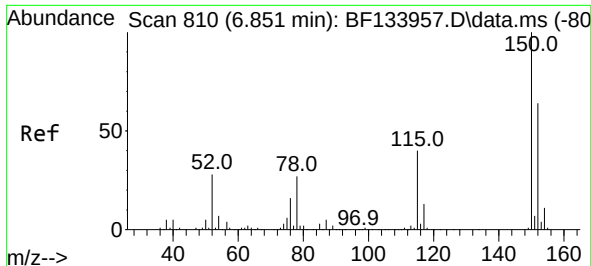
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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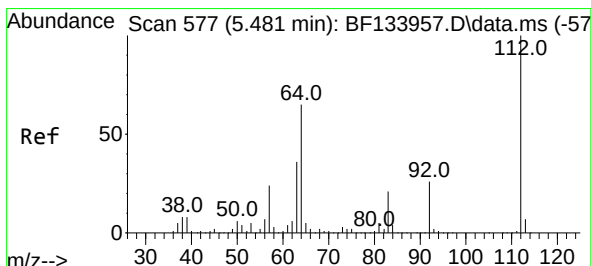
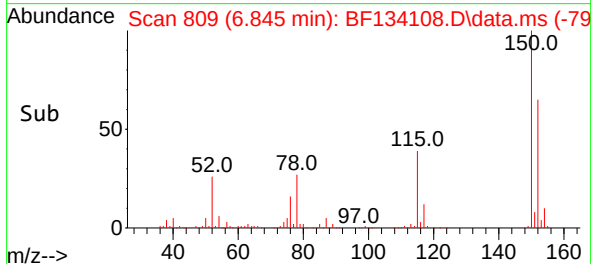
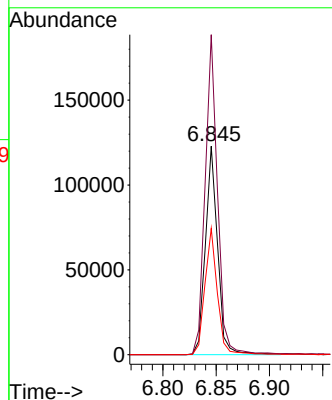
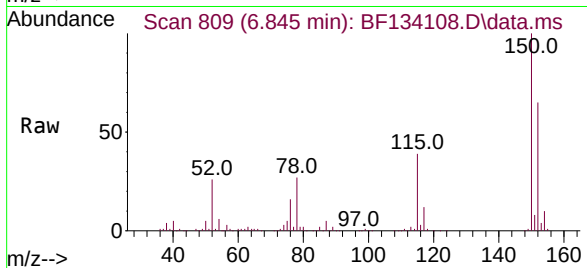




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

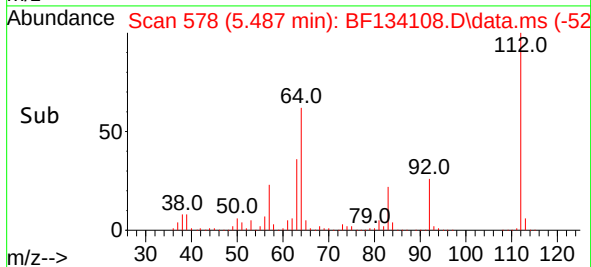
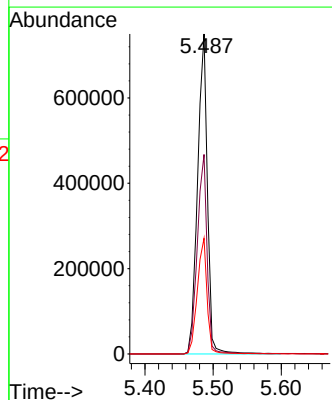
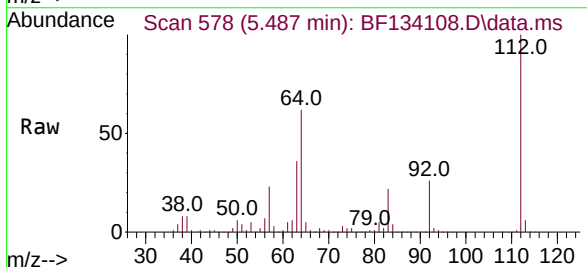
Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-2

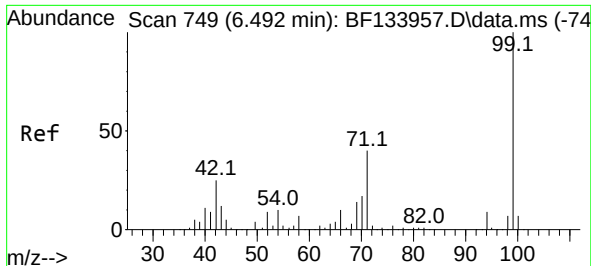
Tgt Ion:152 Resp: 98849
Ion Ratio Lower Upper
152 100
150 153.5 124.5 186.7
115 60.6 50.2 75.2



#5
2-Fluorophenol
Concen: 127.276 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

Tgt Ion:112 Resp: 752115
Ion Ratio Lower Upper
112 100
64 62.4 52.1 78.1
63 36.1 28.6 42.8





#7

Phenol-d6

Concen: 125.583 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF134108.D

Acq: 06 Jul 2023 21:17

Instrument :

BNA_F

ClientSampleId :

DOREMUS-COMP-2

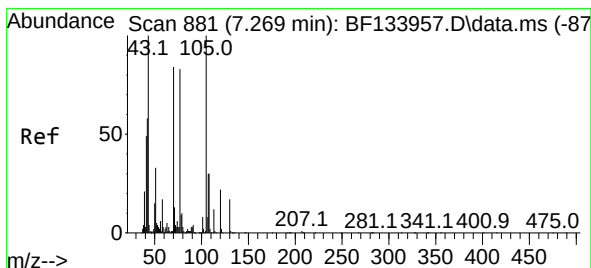
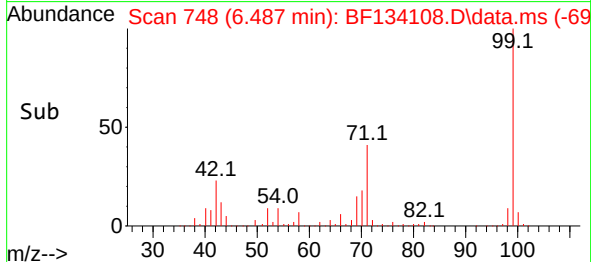
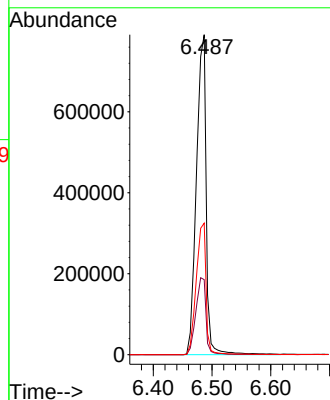
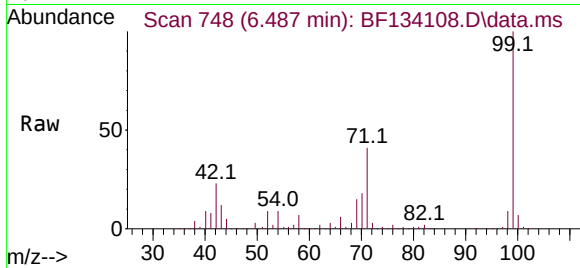
Tgt Ion: 99 Resp: 912649

Ion Ratio Lower Upper

99 100

42 23.5 19.8 29.6

71 41.1 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 18.940 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.141 min

Lab File: BF134108.D

Acq: 06 Jul 2023 21:17

Tgt Ion: 70 Resp: 87287

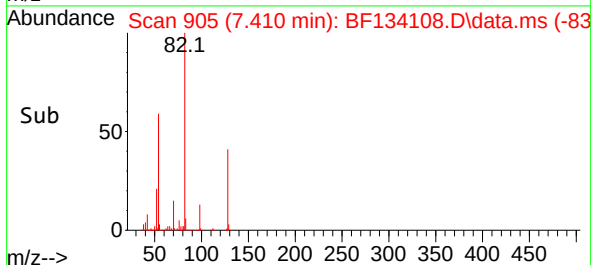
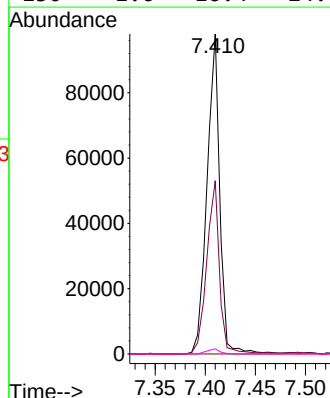
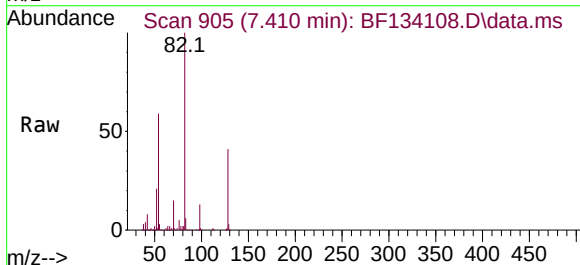
Ion Ratio Lower Upper

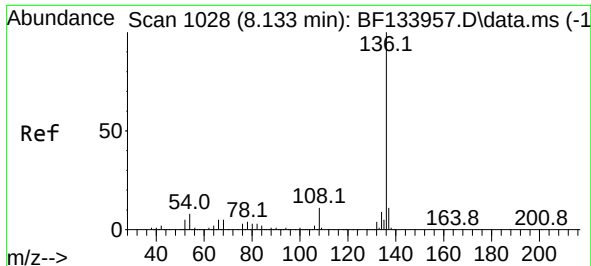
70 100

42 54.1 54.7 82.1#

101 0.0 7.7 11.5#

130 1.6 16.4 24.6#



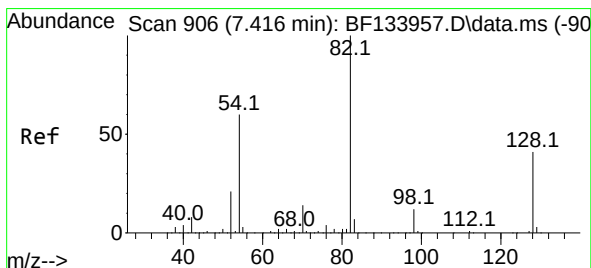
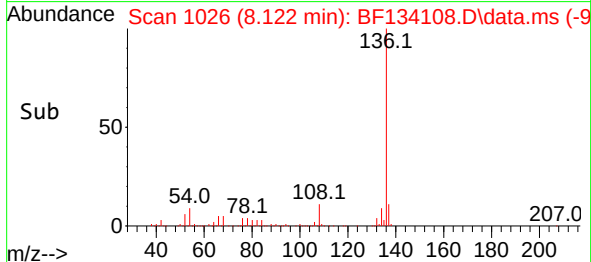
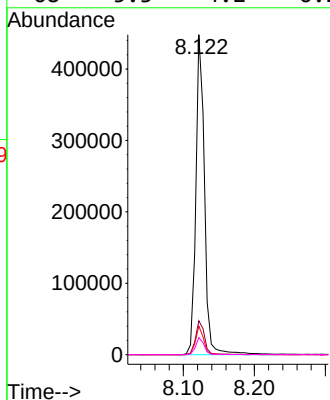
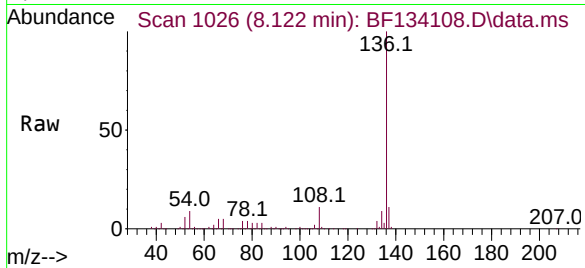


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-2

Tgt Ion:136 Resp: 380154

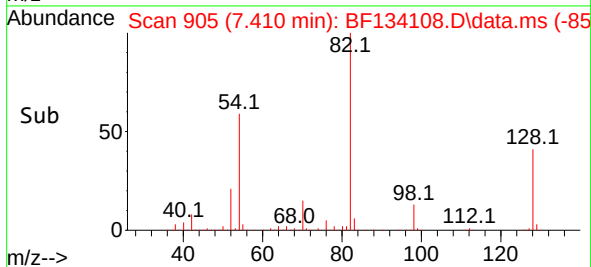
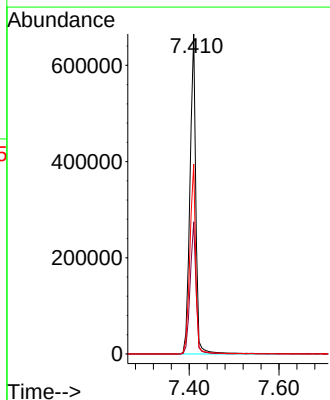
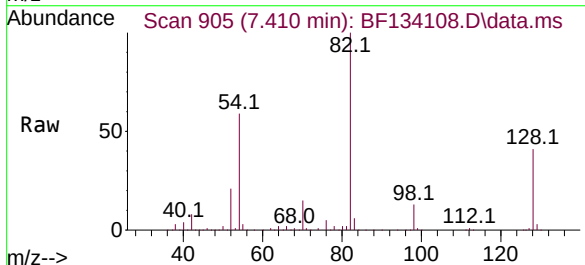
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.0	6.5	9.7
68	5.3	4.2	6.2

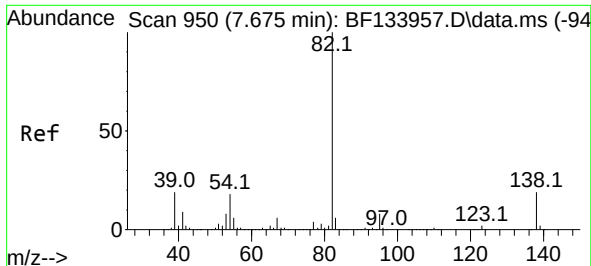


#23
Nitrobenzene-d5
Concen: 85.655 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

Tgt Ion: 82 Resp: 604059

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.5	48.7
54	59.3	48.2	72.2

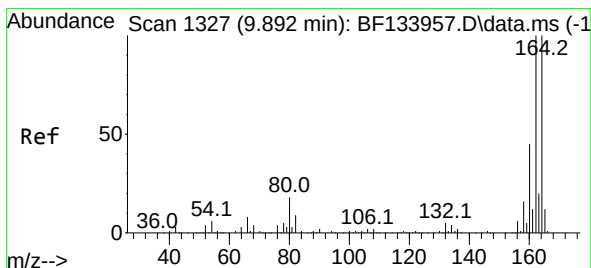
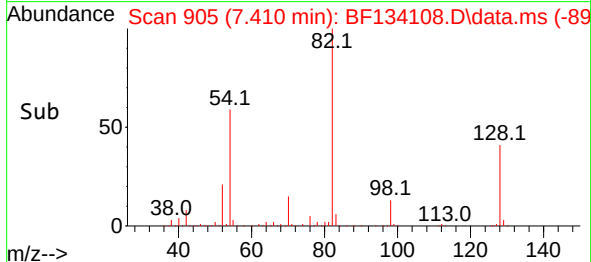
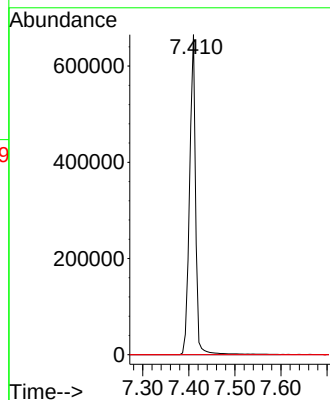
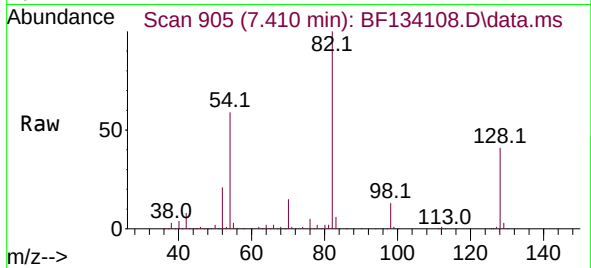




#25
Isophorone
Concen: 47.129 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

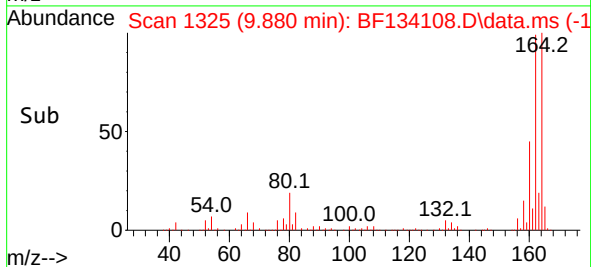
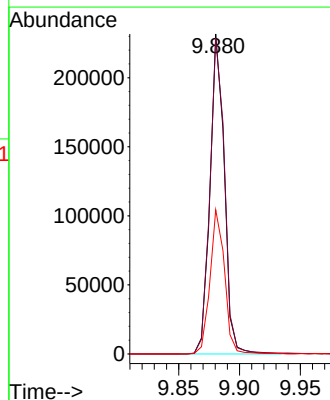
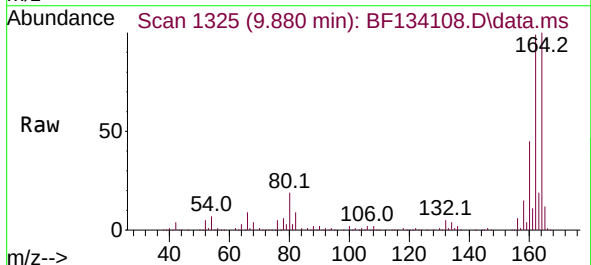
Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-2

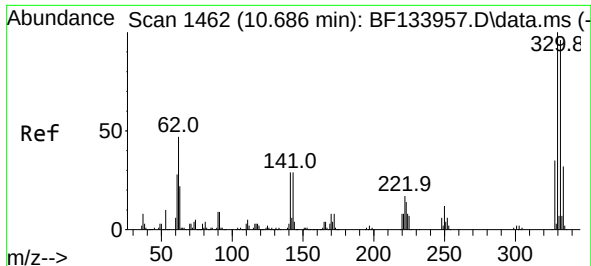
Tgt Ion: 82 Resp: 604056
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

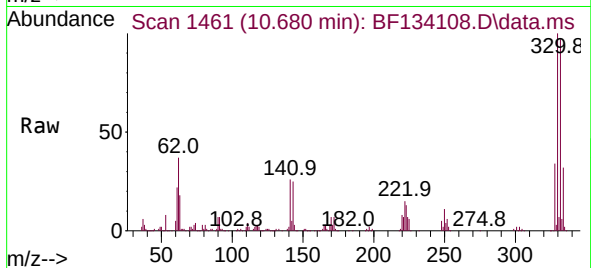
Tgt Ion:164 Resp: 189130
Ion Ratio Lower Upper
164 100
162 98.7 80.0 120.0
160 45.0 35.9 53.9



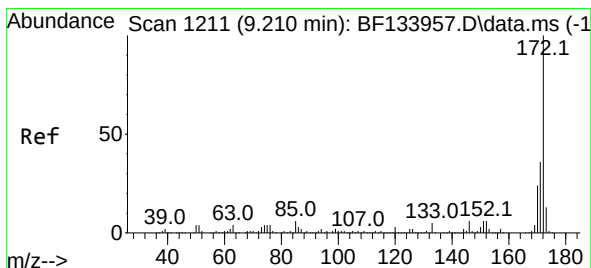
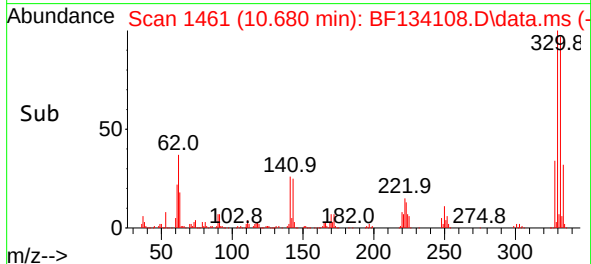
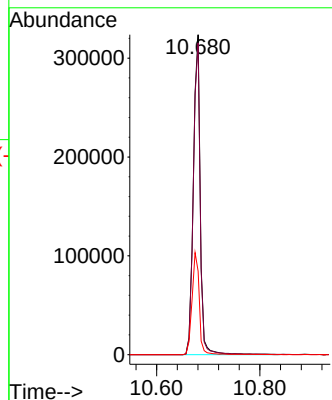


#42
2,4,6-Tribromophenol
Concen: 126.253 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-2

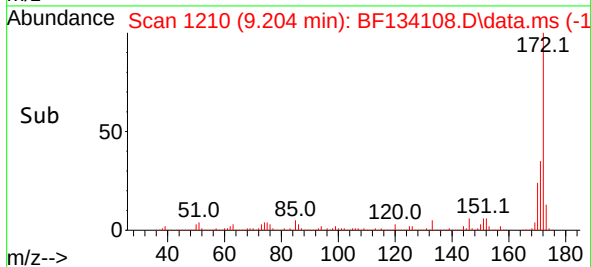
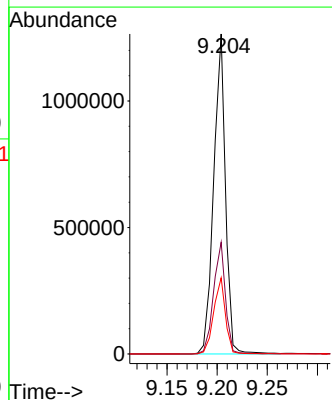
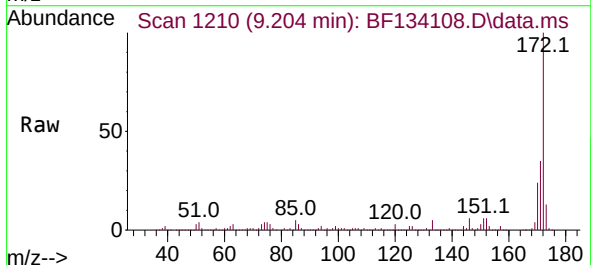


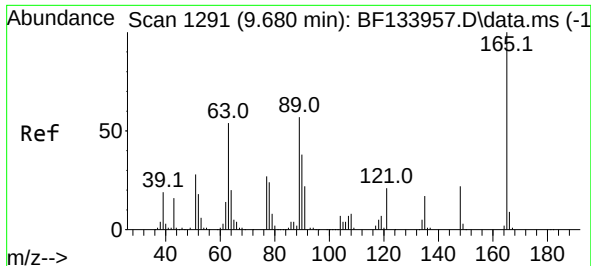
Tgt Ion:330 Resp: 299386
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 33.3 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 79.790 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

Tgt Ion:172 Resp: 1037951
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.8 19.4 29.0

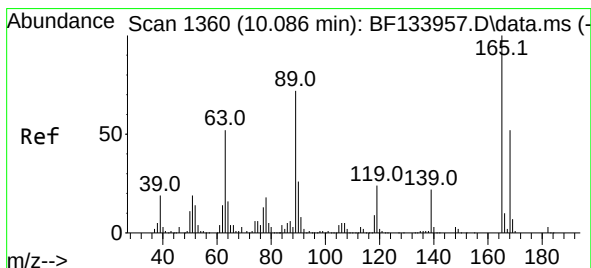
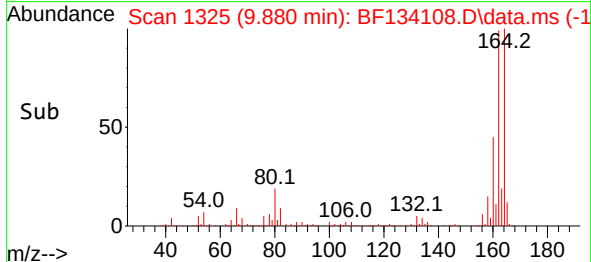
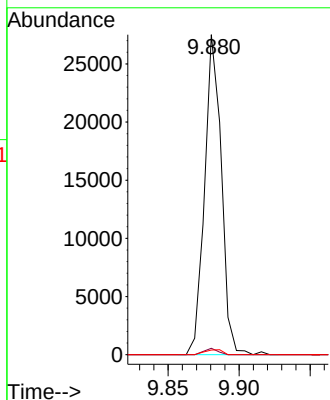
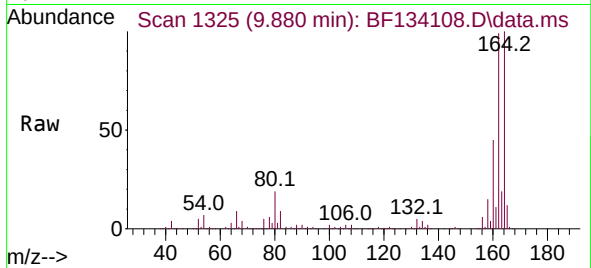




#51
2,6-Dinitrotoluene
Concen: 7.670 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

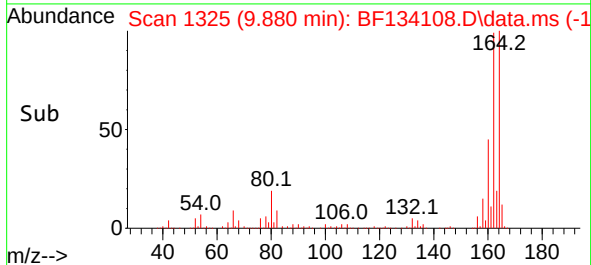
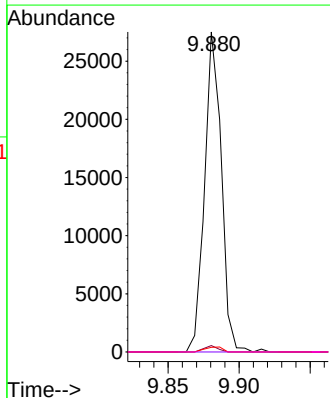
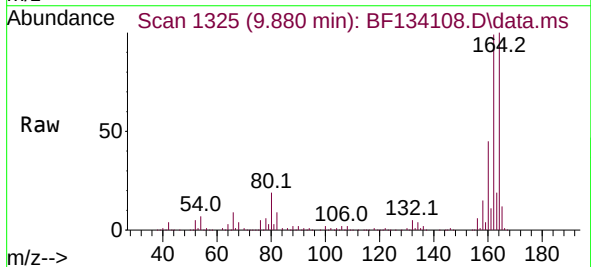
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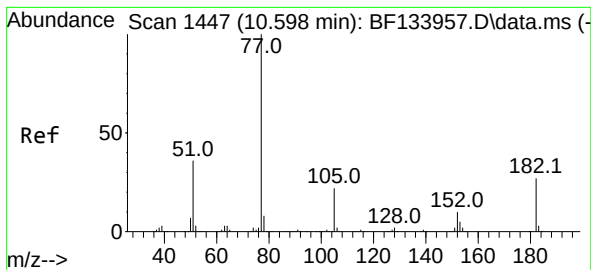
Tgt Ion:165 Resp: 22679
Ion Ratio Lower Upper
165 100
63 2.0 48.5 72.7#
89 1.4 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 5.808 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

Tgt Ion:165 Resp: 22679
Ion Ratio Lower Upper
165 100
63 2.0 42.2 63.2#
89 1.4 57.4 86.2#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 6.138 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.000 min

Lab File: BF134108.D

Acq: 06 Jul 2023 21:17

Instrument :

BNA_F

ClientSampleId :

DOREMUS-COMP-2

Tgt Ion: 77 Resp: 83046

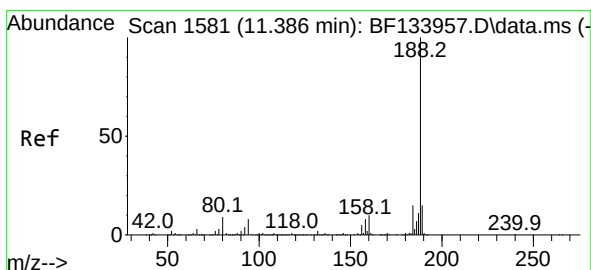
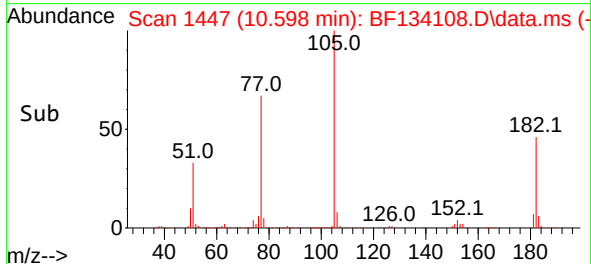
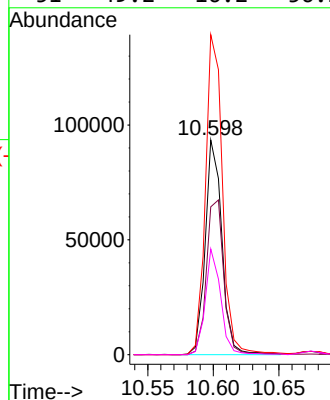
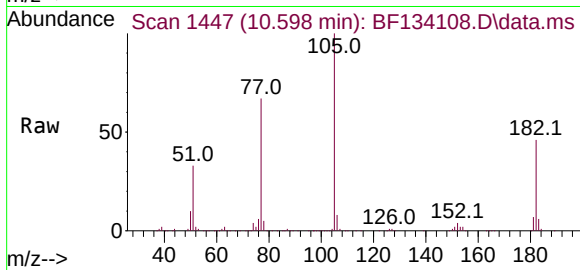
Ion Ratio Lower Upper

77 100

182 68.9 6.8 46.8#

105 149.0 2.3 42.3#

51 49.2 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF134108.D

Acq: 06 Jul 2023 21:17

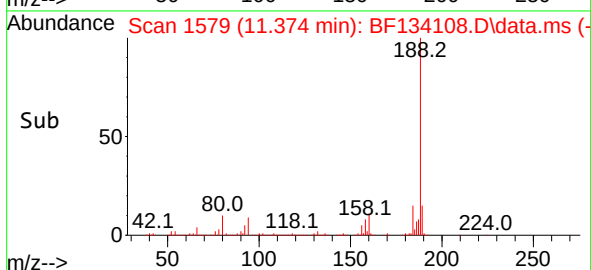
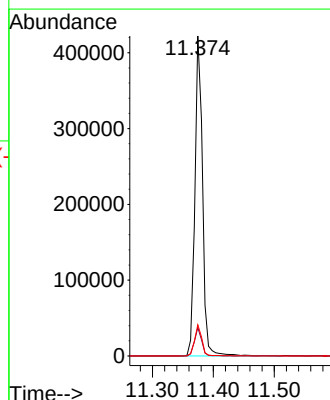
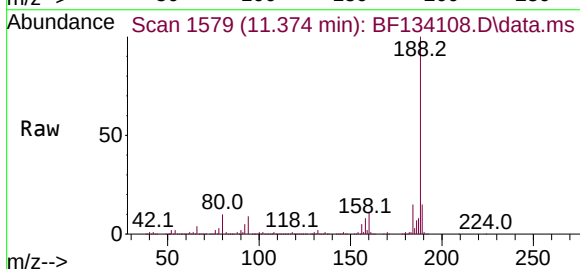
Tgt Ion:188 Resp: 365008

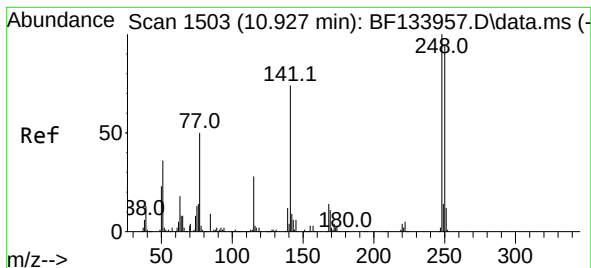
Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 9.8 7.3 10.9

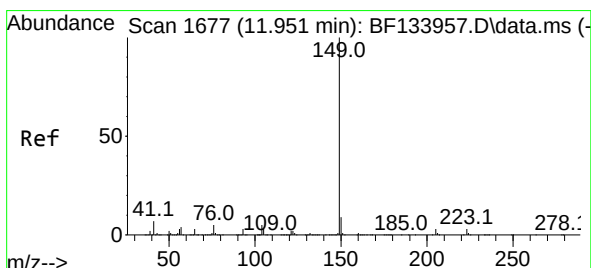
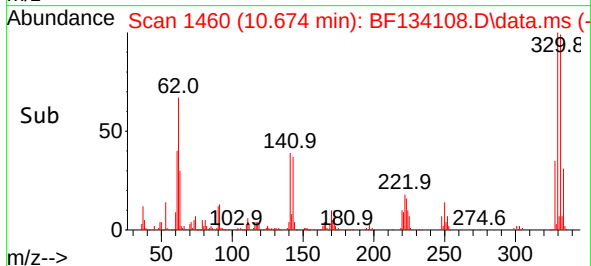
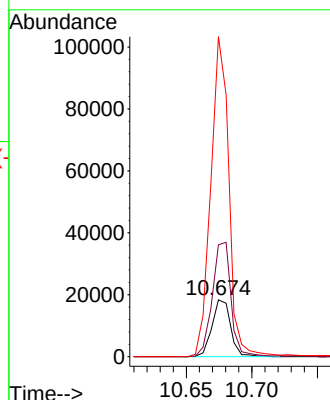
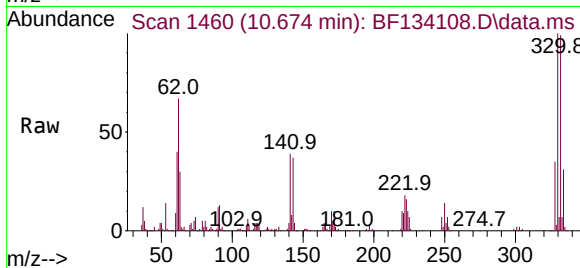




#67
4-Bromophenyl-phenylether
Concen: 4.682 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.253 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

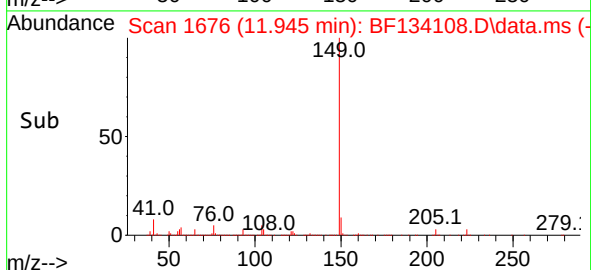
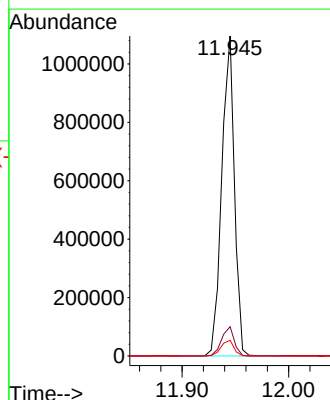
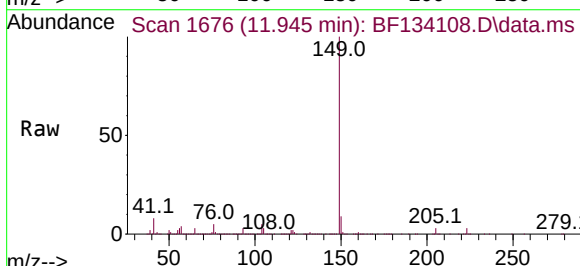
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ClientSampleId :
DOREMUS-COMP-2

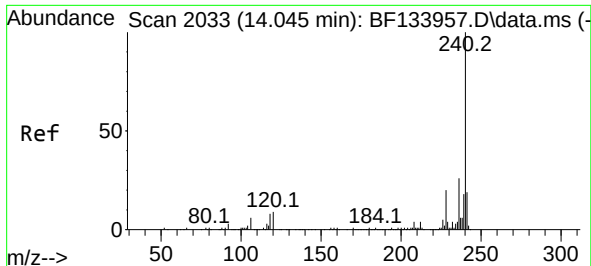
Tgt Ion:248 Resp: 18163
Ion Ratio Lower Upper
248 100
250 196.9 76.2 114.4#
141 563.3 59.0 88.4#



#74
Di-n-butylphthalate
Concen: 43.256 ng
RT: 11.945 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

Tgt Ion:149 Resp: 899854
Ion Ratio Lower Upper
149 100
150 9.2 7.1 10.7
104 4.9 4.0 6.0

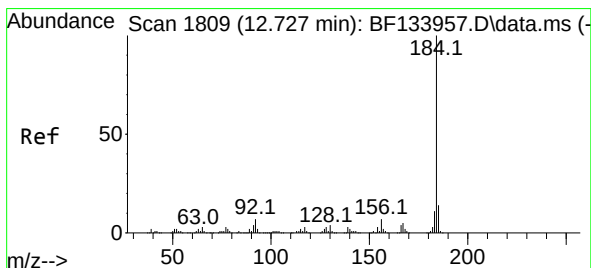
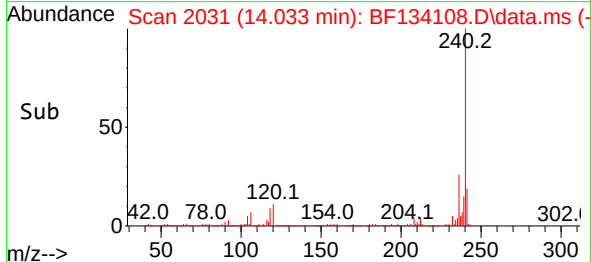
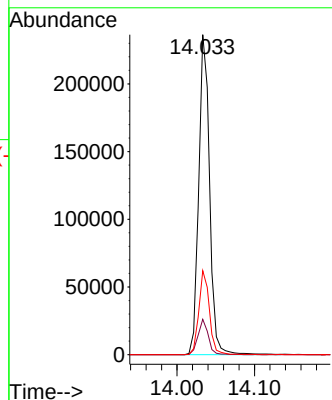
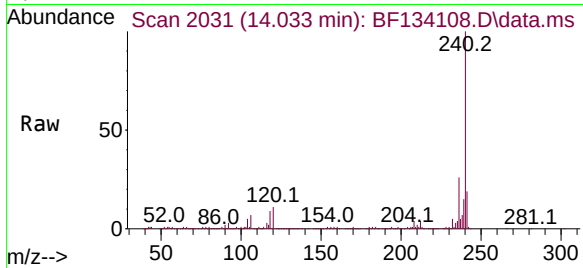




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

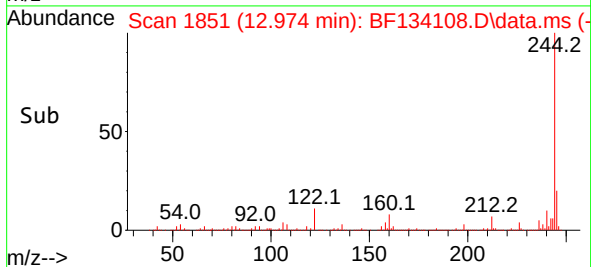
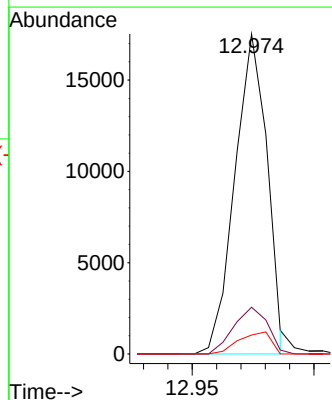
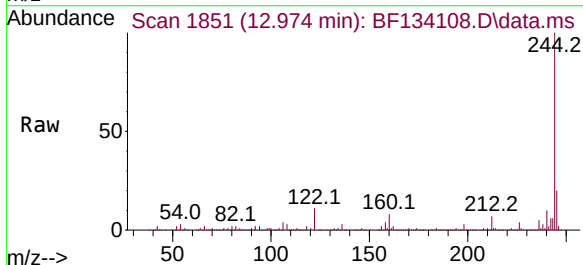
Instrument :
BNA_F
ClientSampleId :
DOREMUS-COMP-2

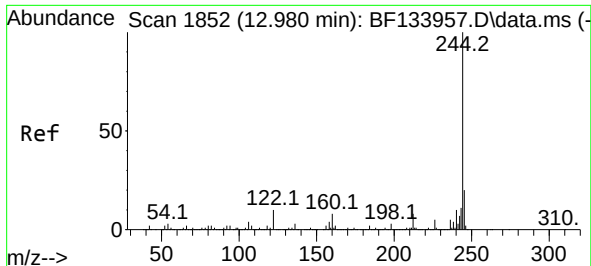
Tgt Ion:240 Resp: 229385
Ion Ratio Lower Upper
240 100
120 11.1 7.4 11.0#
236 26.3 21.0 31.6



#77
Benzidine
Concen: 2.952 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134108.D
Acq: 06 Jul 2023 21:17

Tgt Ion:184 Resp: 16111
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 5.9 8.8 13.2#

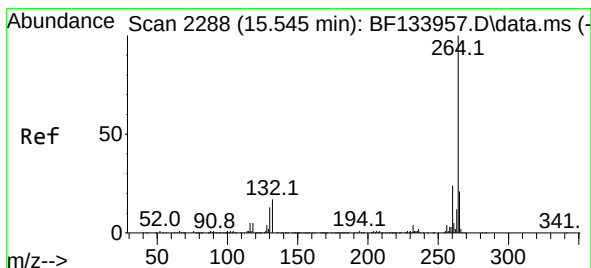
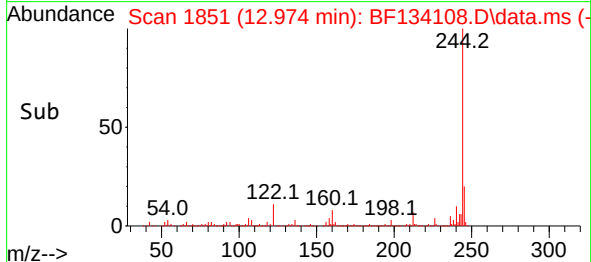
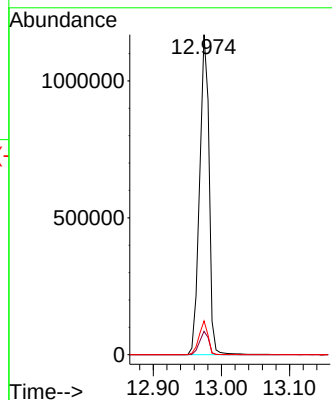
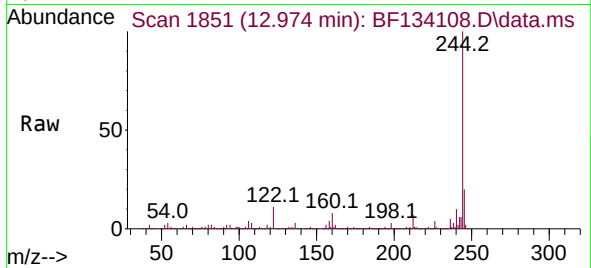




#79
 Terphenyl-d14
 Concen: 79.243 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF134108.D
 Acq: 06 Jul 2023 21:17

Instrument :
 BNA_F
 ClientSampleId :
 DOREMUS-COMP-2

Tgt Ion:244 Resp: 1129430
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134108.D
 Acq: 06 Jul 2023 21:17

Tgt Ion:264 Resp: 193031
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.8 16.6 25.0

