

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136851.D
 Acq On : 30 Dec 2023 03:37
 Operator : CG\JU
 Sample : 06016-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-322-4-6

Quant Time: Dec 30 05:22:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

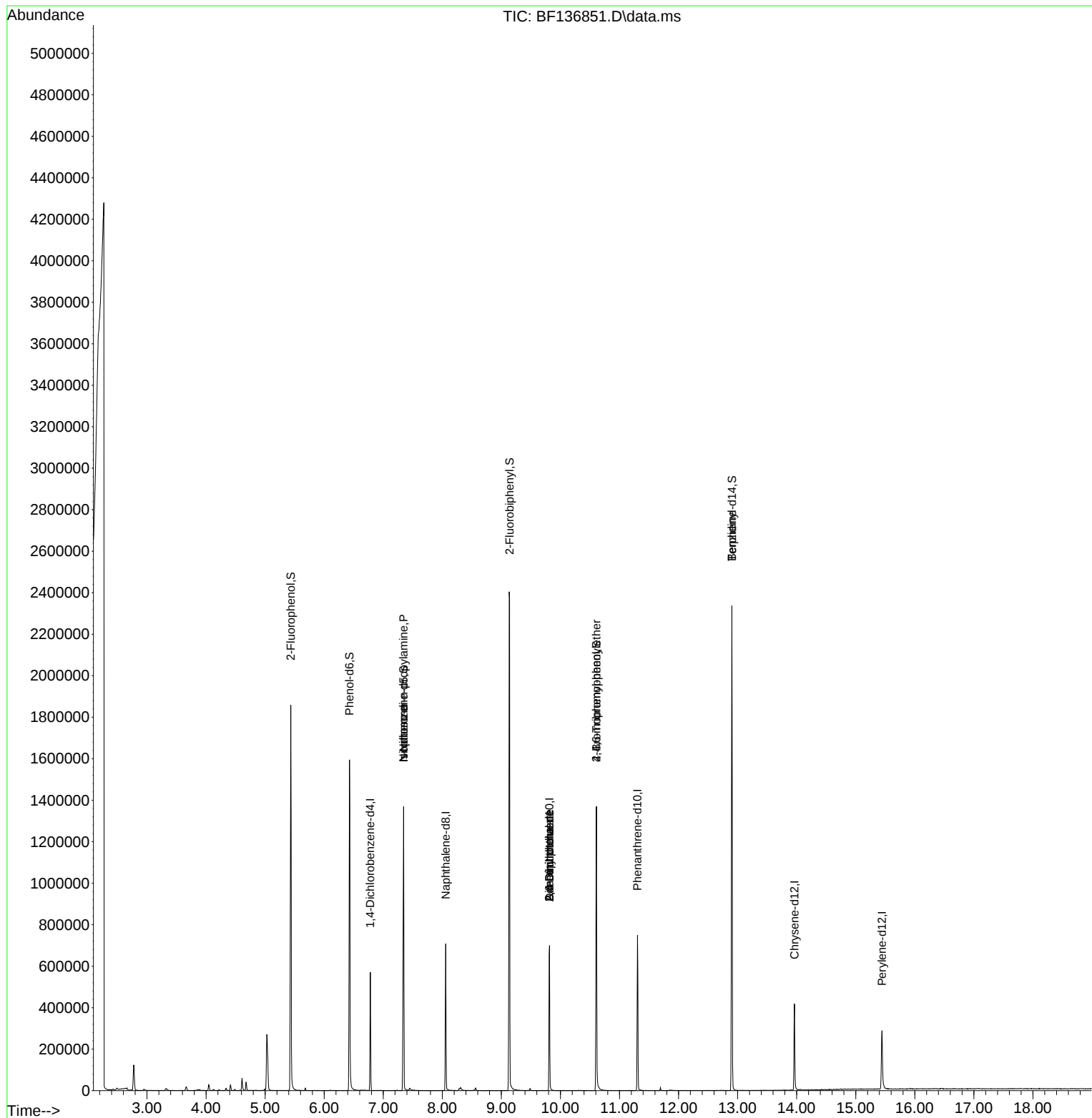
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75816	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	295313	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	149628	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	273969	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	152714	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	152527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	509262	104.806	ng	0.00
7) Phenol-d6	6.428	99	589169	93.575	ng	-0.01
23) Nitrobenzene-d5	7.345	82	429157	74.363	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	181506	102.999	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	850621	76.461	ng	-0.01
79) Terphenyl-d14	12.904	244	854509	78.195	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	55003	14.411	ng	# 77
25) Isophorone	7.345	82	429151	40.867	ng	# 65
50) Dimethylphthalate	9.816	163	28846	2.639	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	19051	7.681	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	19051	5.916	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	10744	3.531	ng	# 1
77) Benzidine	12.904	184	9407	2.089	ng	# 93

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

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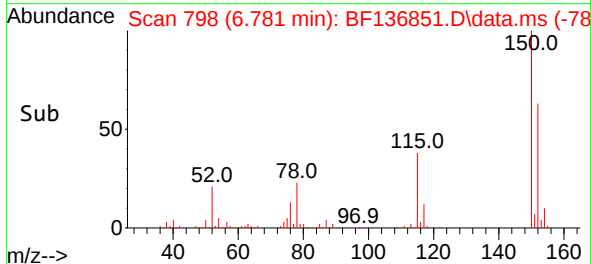
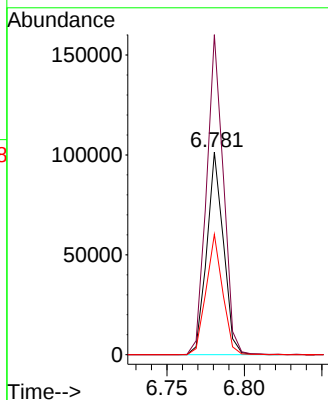
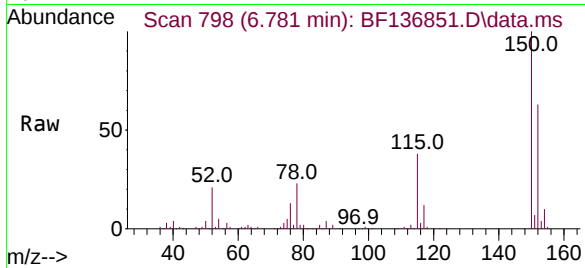




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

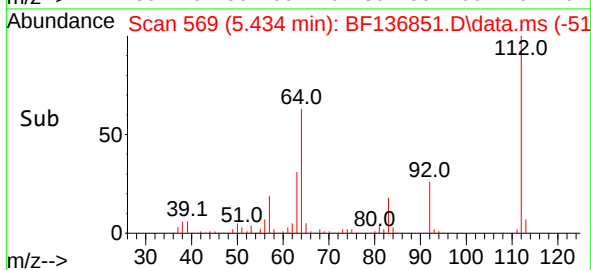
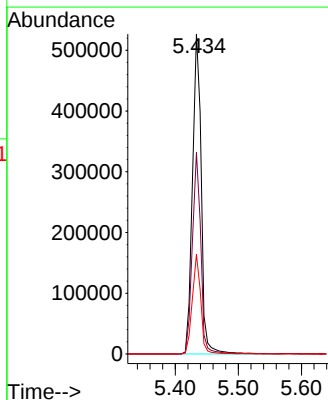
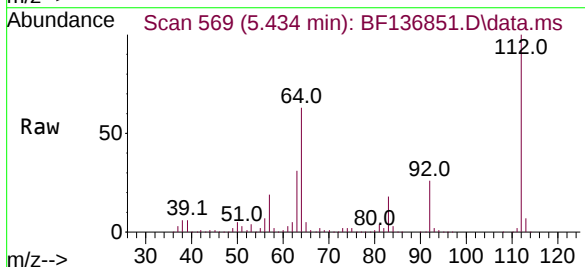
Instrument :
BNA_F
ClientSampleId :
MR-322-4-6

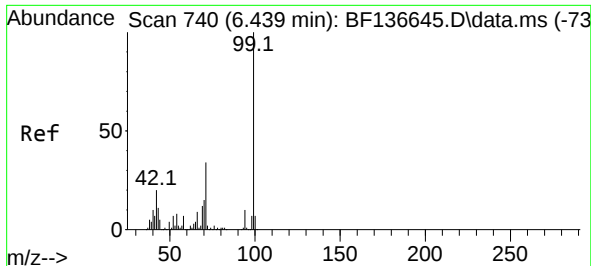
Tgt Ion:152 Resp: 75816
Ion Ratio Lower Upper
152 100
150 158.0 127.0 190.6
115 59.4 49.0 73.4



#5
2-Fluorophenol
Concen: 104.806 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

Tgt Ion:112 Resp: 509262
Ion Ratio Lower Upper
112 100
64 63.0 51.1 76.7
63 31.1 26.1 39.1





#7
Phenol-d6
Concen: 93.575 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

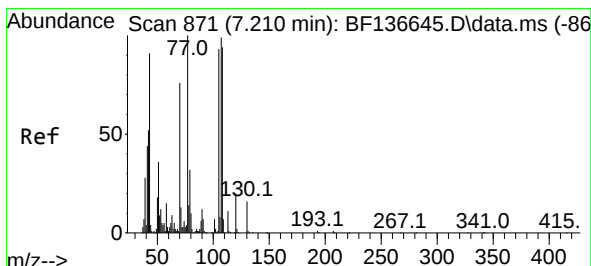
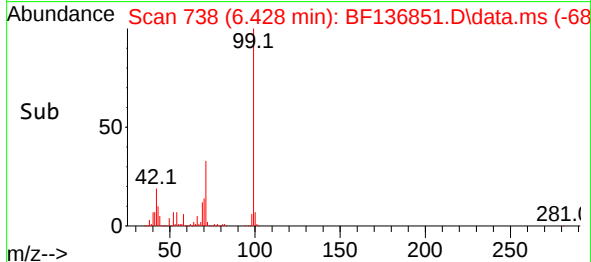
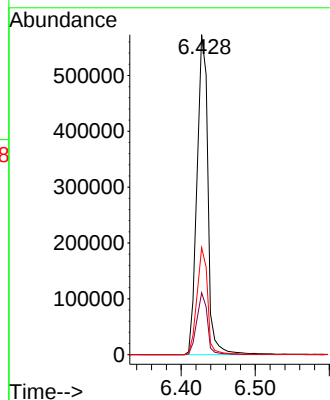
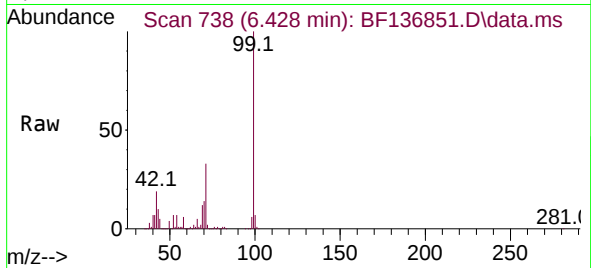
Instrument :

BNA_F

ClientSampleId :

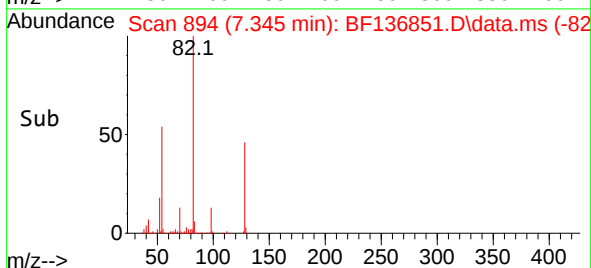
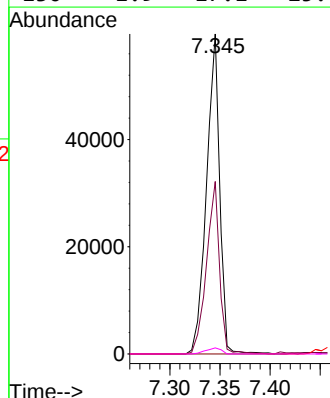
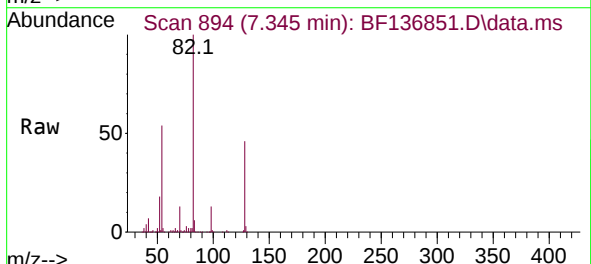
MR-322-4-6

Tgt Ion: 99 Resp: 589169
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 33.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.411 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

Tgt Ion: 70 Resp: 55003
Ion Ratio Lower Upper
70 100
42 53.9 54.2 81.4#
101 0.0 7.6 11.4#
130 1.9 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF136851.D

Acq: 30 Dec 2023 03:37

Instrument :

BNA_F

ClientSampleId :

MR-322-4-6

Tgt Ion:136 Resp: 295313

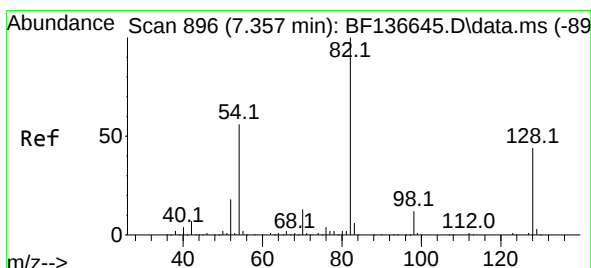
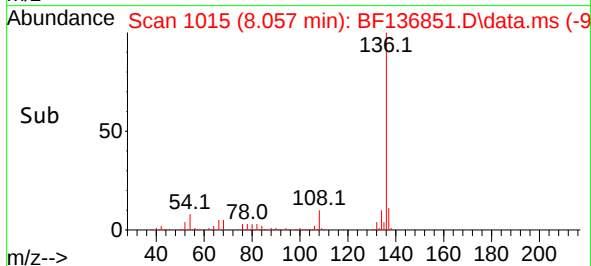
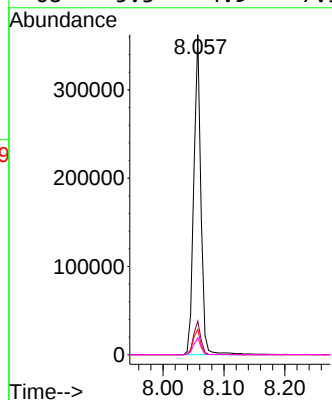
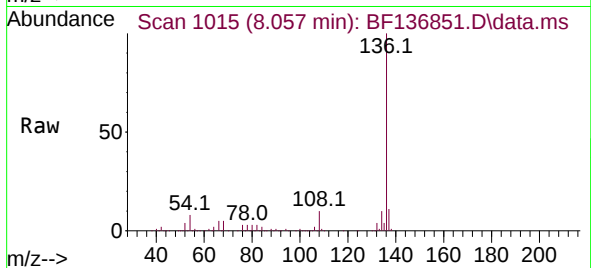
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 7.9 7.2 10.8

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 74.363 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136851.D

Acq: 30 Dec 2023 03:37

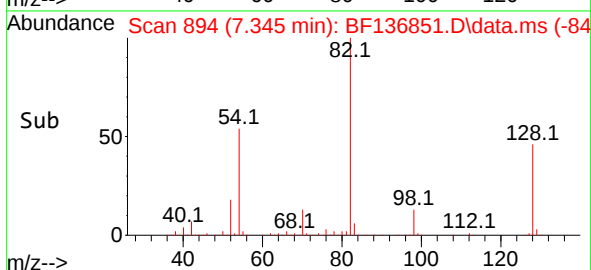
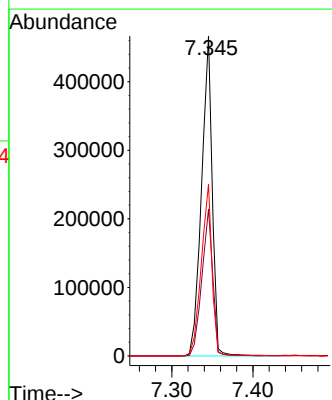
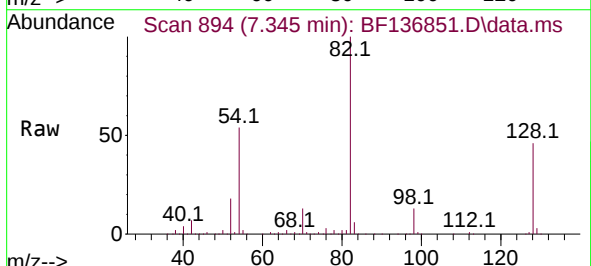
Tgt Ion: 82 Resp: 429157

Ion Ratio Lower Upper

82 100

128 46.0 35.3 52.9

54 53.7 44.5 66.7

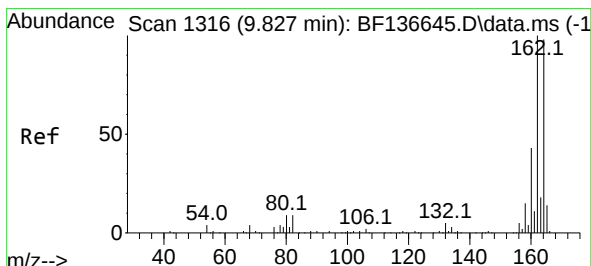
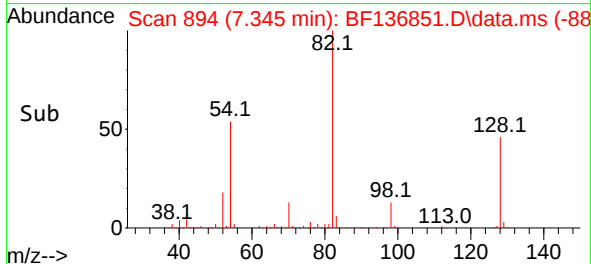
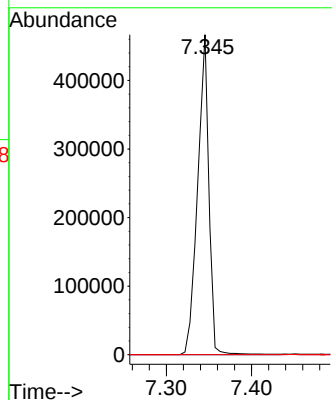
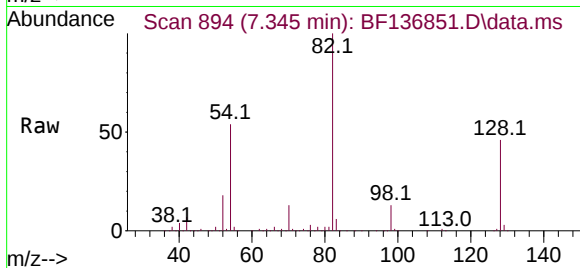




#25
Isophorone
Concen: 40.867 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

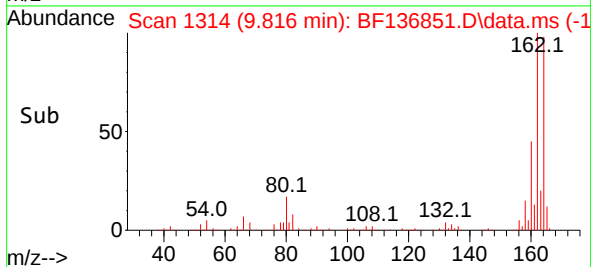
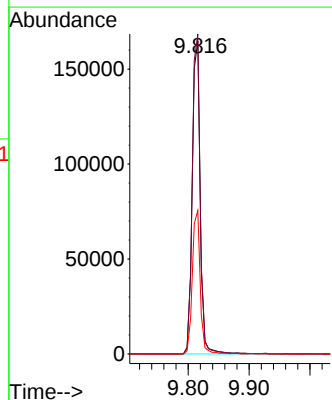
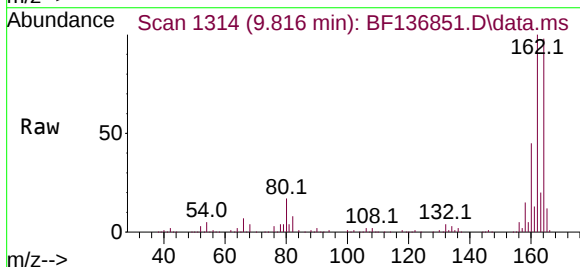
Instrument :
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MR-322-4-6

Tgt Ion: 82 Resp: 429151
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

Tgt Ion:164 Resp: 149628
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 45.8 34.9 52.3

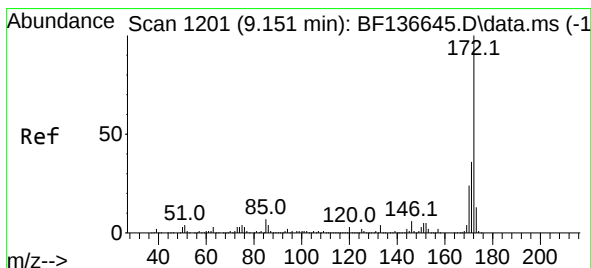
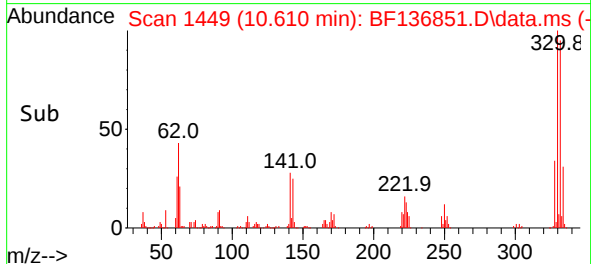
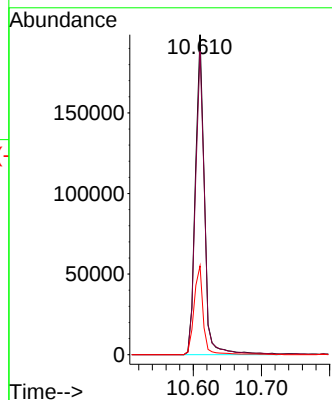
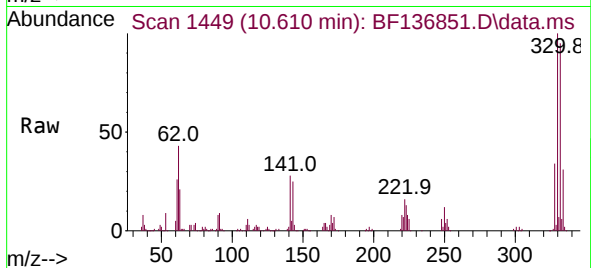




#42
2,4,6-Tribromophenol
Concen: 102.999 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

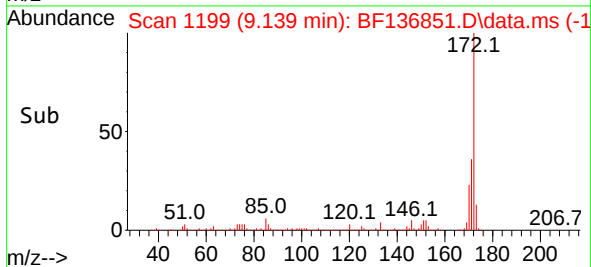
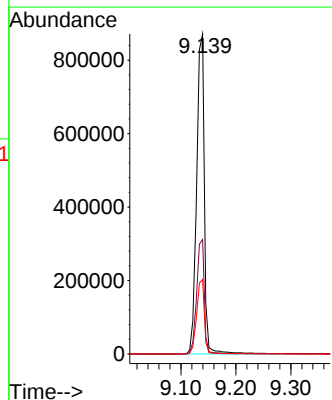
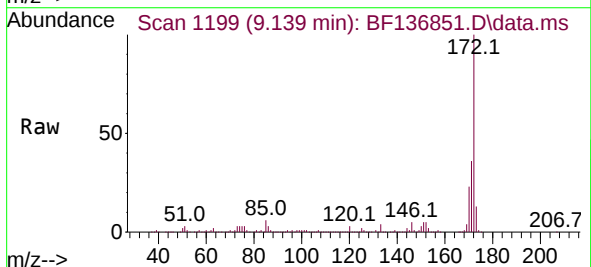
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BNA_F
ClientSampleId :
MR-322-4-6

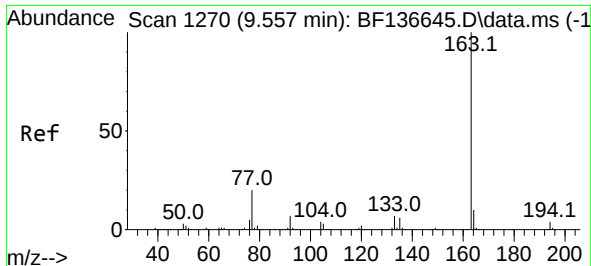
Tgt Ion:330 Resp: 181506
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 27.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 76.461 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

Tgt Ion:172 Resp: 850621
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.3 19.0 28.4

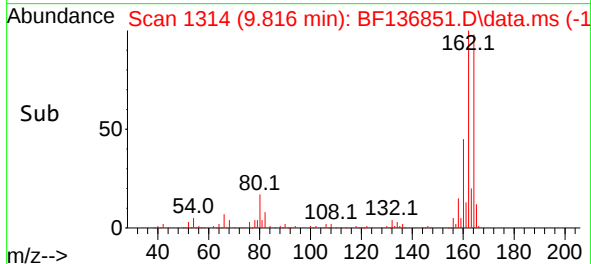
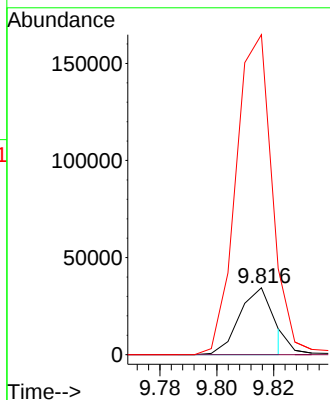
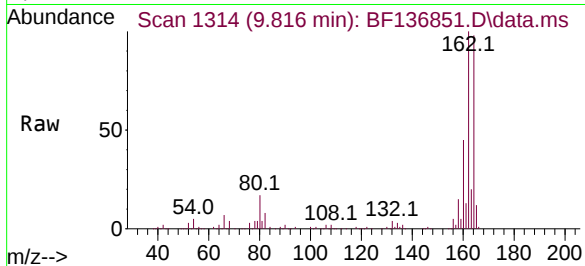




#50
Dimethylphthalate
Concen: 2.639 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

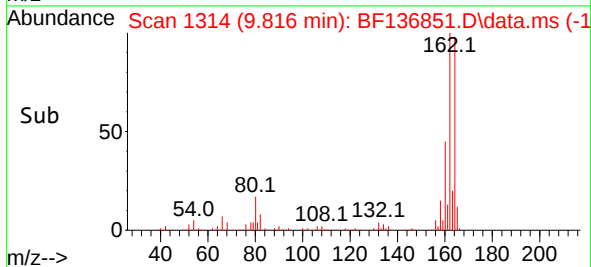
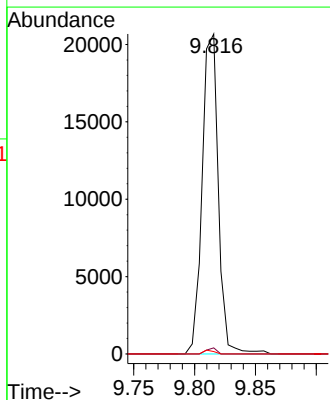
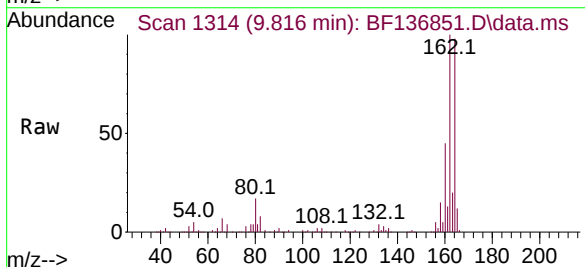
Instrument :
BNA_F
ClientSampleId :
MR-322-4-6

Tgt Ion:163 Resp: 28846
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 478.2 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.681 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

Tgt Ion:165 Resp: 19051
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 0.7 38.8 58.2#

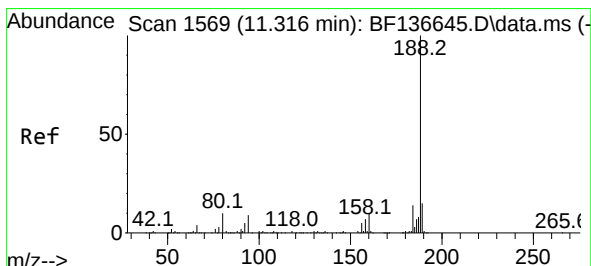
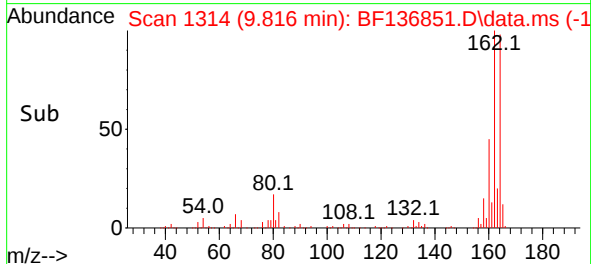
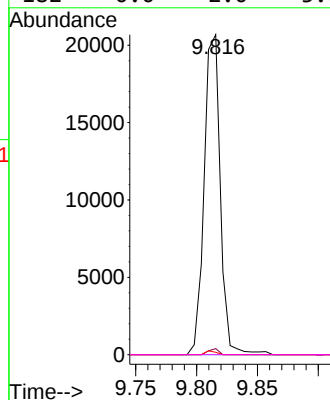
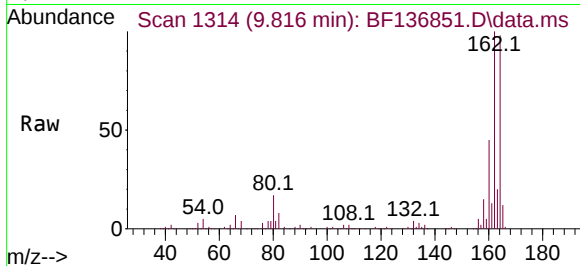




#57
2,4-Dinitrotoluene
Concen: 5.916 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

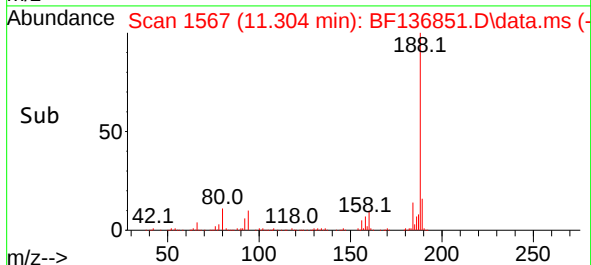
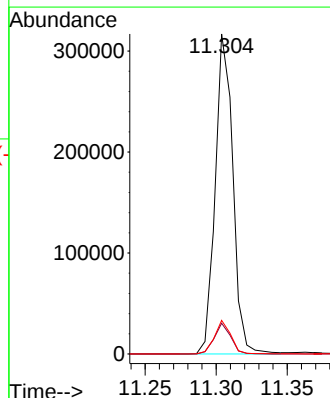
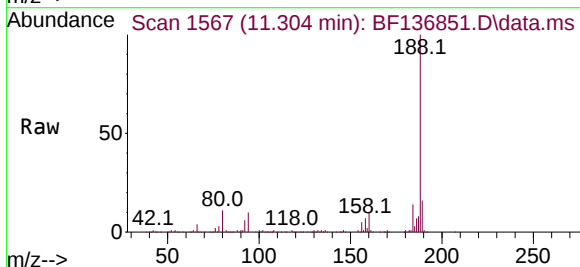
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MR-322-4-6

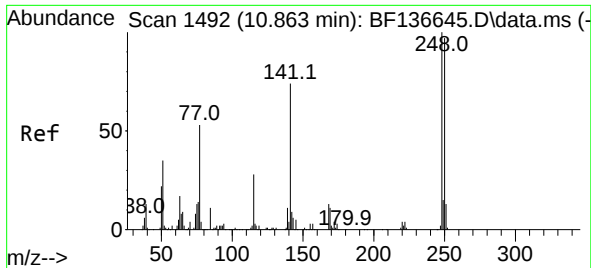
Tgt Ion:165 Resp: 19051
Ion Ratio Lower Upper
165 100
63 1.9 41.0 61.6#
89 0.7 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

Tgt Ion:188 Resp: 273969
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.5 8.1 12.1

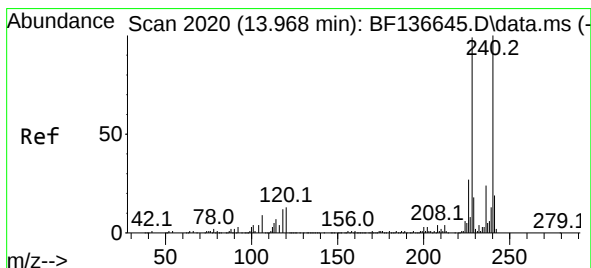
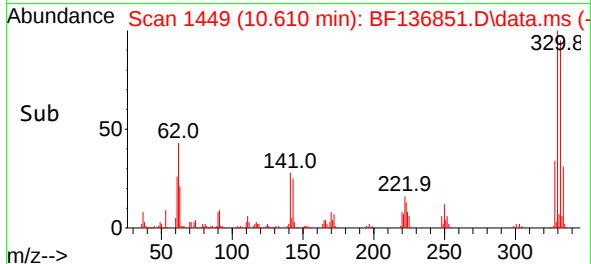
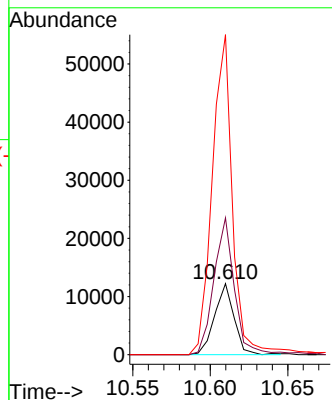
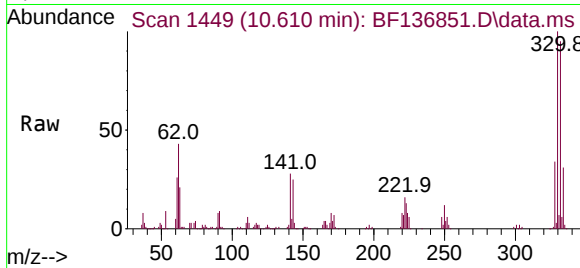




#67
4-Bromophenyl-phenylether
Concen: 3.531 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

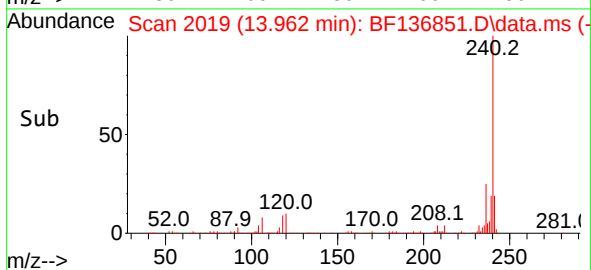
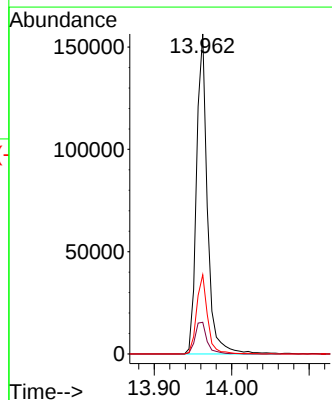
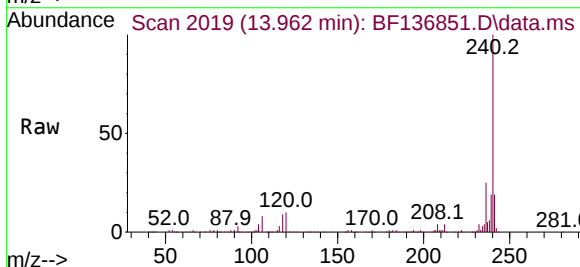
Instrument :
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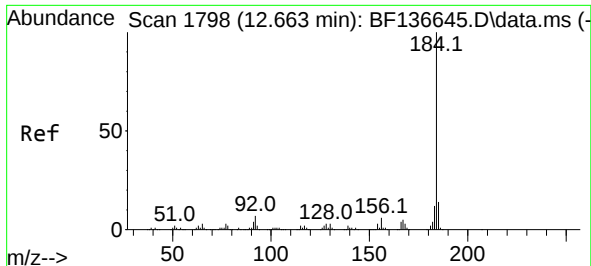
Tgt Ion:248 Resp: 10744
Ion Ratio Lower Upper
248 100
250 192.3 77.8 116.6#
141 450.0 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

Tgt Ion:240 Resp: 152714
Ion Ratio Lower Upper
240 100
120 9.9 10.3 15.5#
236 24.8 19.4 29.2

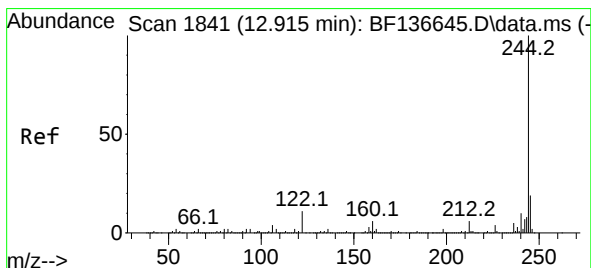
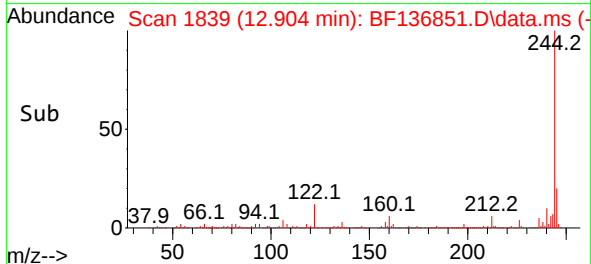
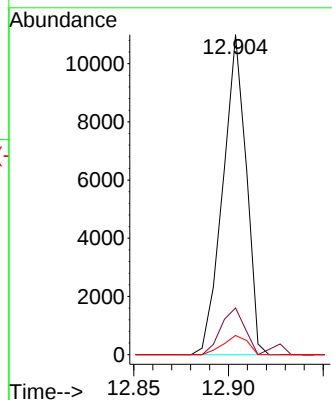
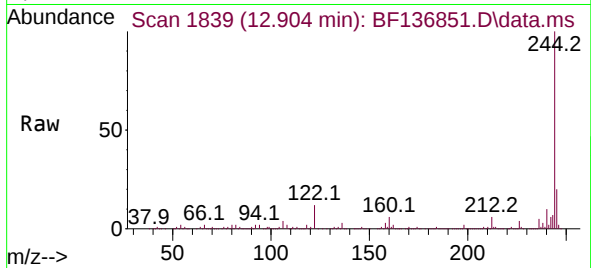




#77
Benzidine
Concen: 2.089 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.241 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

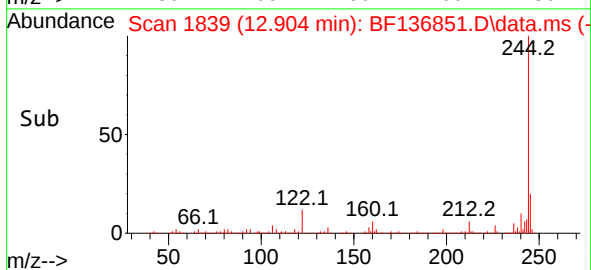
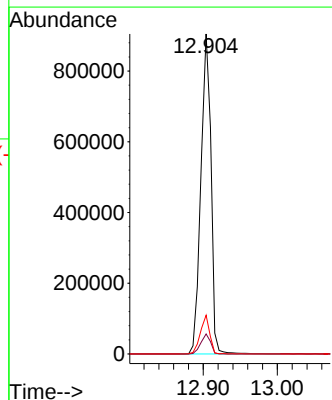
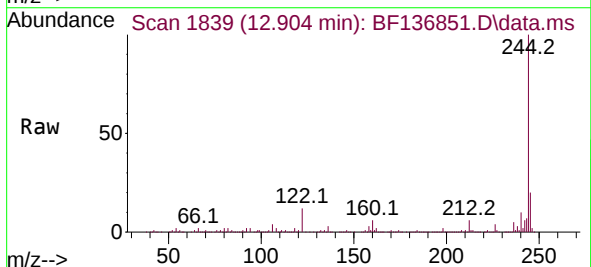
Instrument :
BNA_F
ClientSampleId :
MR-322-4-6

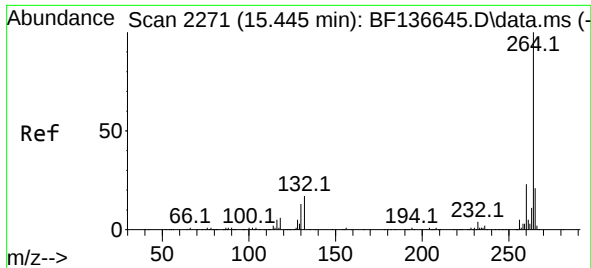
Tgt Ion:184 Resp: 9407
Ion Ratio Lower Upper
184 100
185 14.6 11.2 16.8
183 6.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 78.195 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

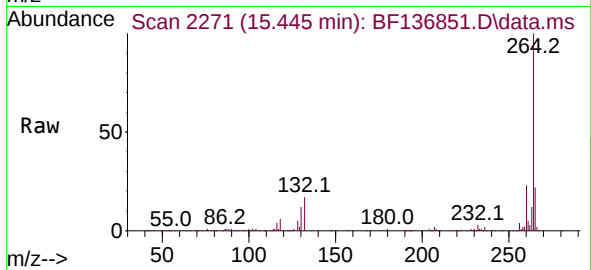
Tgt Ion:244 Resp: 854509
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 12.1 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

Instrument :
BNA_F
ClientSampleId :
MR-322-4-6



Tgt Ion:264 Resp: 152527

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.8	17.0	25.6

