

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137100.D
 Acq On : 17 Jan 2024 18:36
 Operator : CG\JU
 Sample : P1139-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-314-16-18

Quant Time: Jan 18 01:17:00 2024
 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)

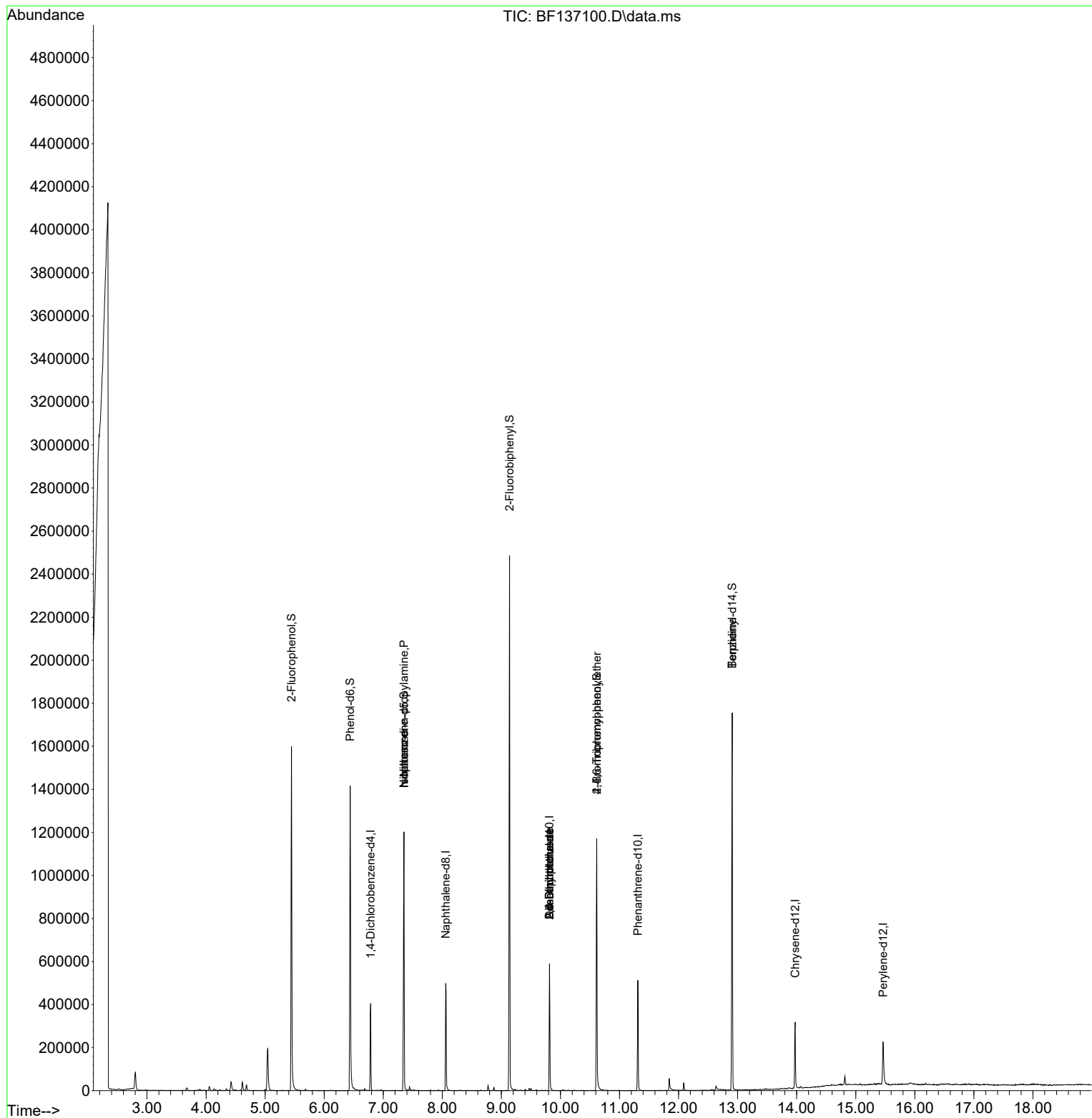
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	61116	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	234907	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	112007	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	179151	20.000	ng	0.00
76) Chrysene-d12	13.974	240	113410	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	107225	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	444892	113.580	ng	0.02
7) Phenol-d6	6.439	99	518013	102.062	ng	0.00
23) Nitrobenzene-d5	7.351	82	361429	78.732	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	151333	114.722	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	728945	87.532	ng	-0.01
79) Terphenyl-d14	12.910	244	618309	76.190	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	47293	15.371	ng	# 74
25) Isophorone	7.351	82	361423	43.268	ng	# 65
50) Dimethylphthalate	9.816	163	20786	2.541	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	14825	7.984	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	14825	6.150	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	8689	4.367	ng	# 1
77) Benzidine	12.910	184	6723	2.010	ng	# 96

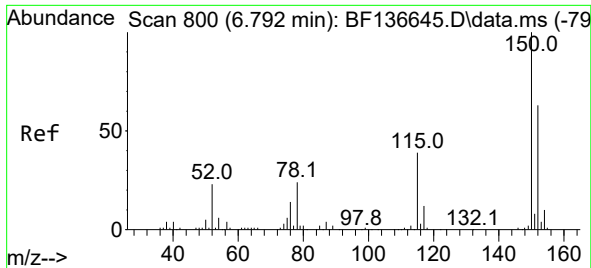
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
Data File : BF137100.D
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MR-314-16-18

Quant Time: Jan 18 01:17:00 2024
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

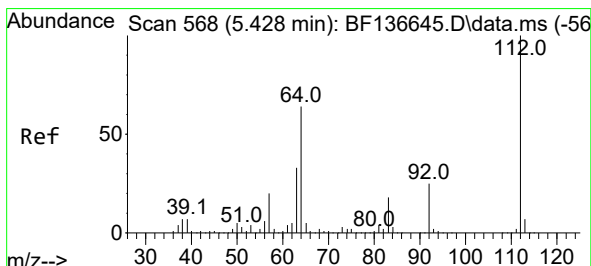
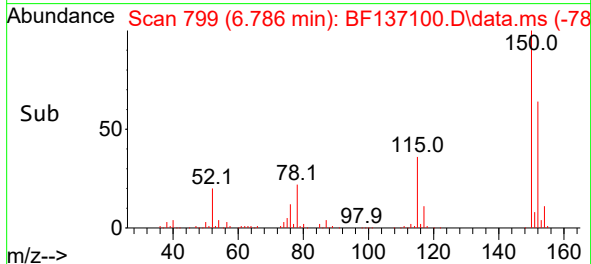
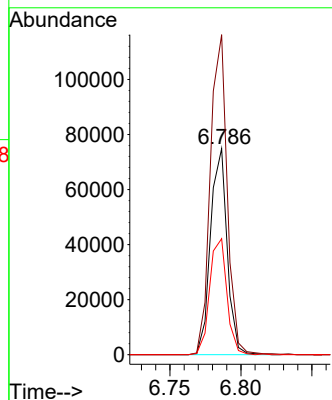
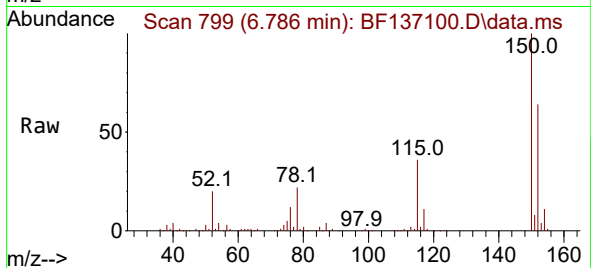




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

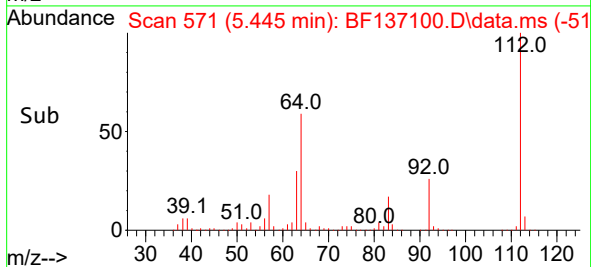
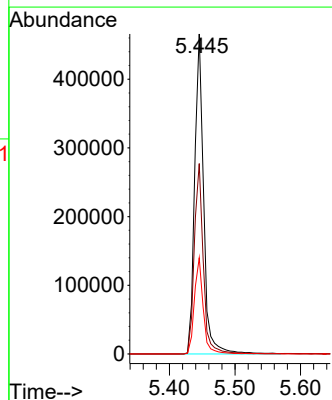
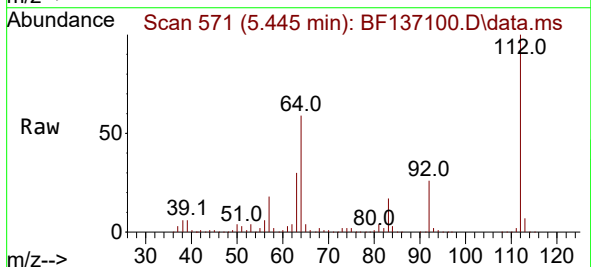
Instrument :
BNA_F
ClientSampleId :
MR-314-16-18

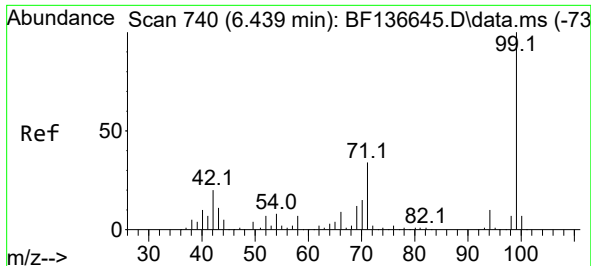
Tgt Ion:152 Resp: 61116
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 56.3 49.0 73.4



#5
2-Fluorophenol
Concen: 113.580 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

Tgt Ion:112 Resp: 444892
Ion Ratio Lower Upper
112 100
64 59.5 51.1 76.7
63 30.1 26.1 39.1

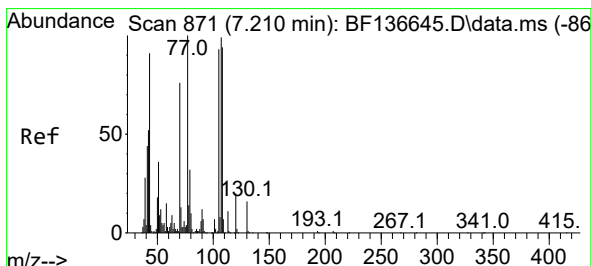
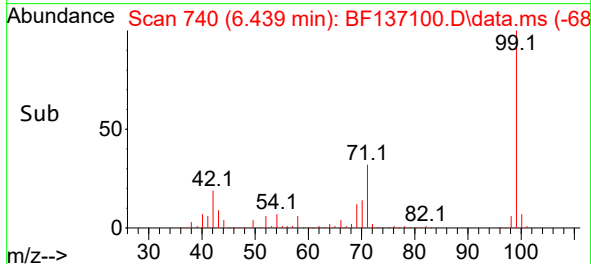
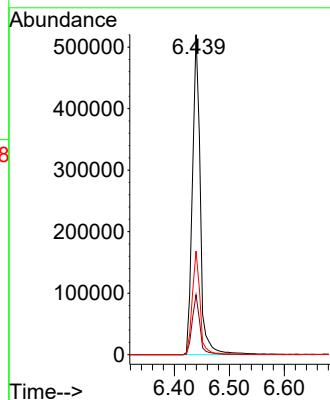
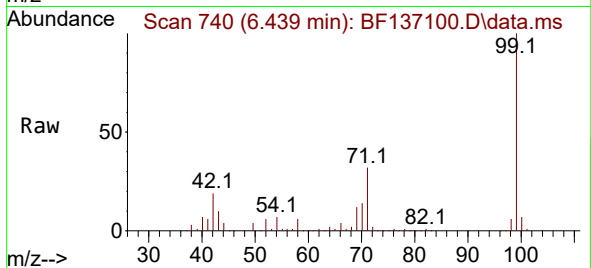




#7
Phenol-d6
Concen: 102.062 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

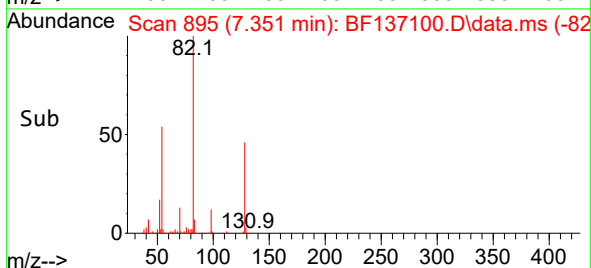
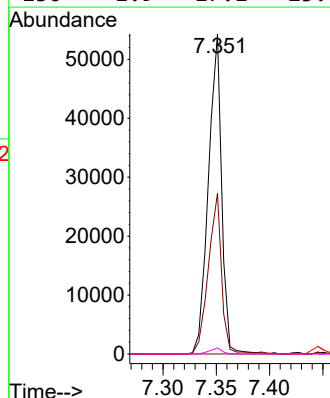
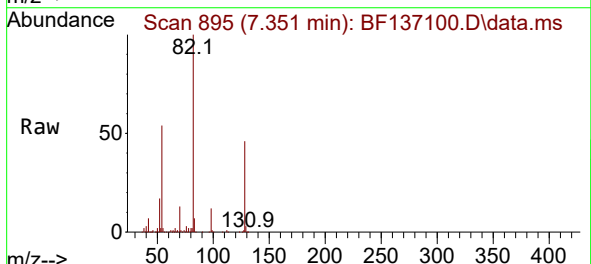
Instrument :
BNA_F
ClientSampleId :
MR-314-16-18

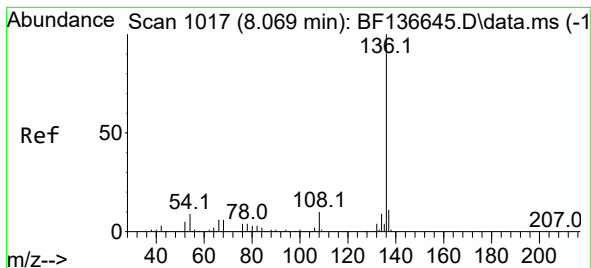
Tgt Ion: 99 Resp: 518013
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.3 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.371 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

Tgt Ion: 70 Resp: 47293
Ion Ratio Lower Upper
70 100
42 50.2 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: BF137100.D

Acq: 17 Jan 2024 18:36

Instrument :

BNA_F

ClientSampleId :

MR-314-16-18

Tgt Ion:136 Resp: 234907

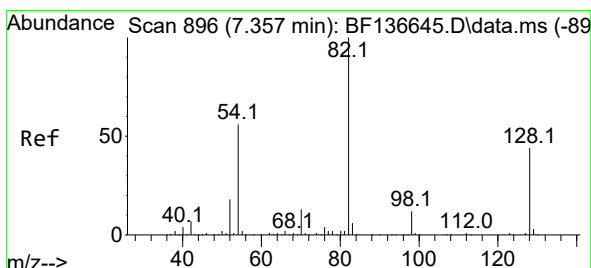
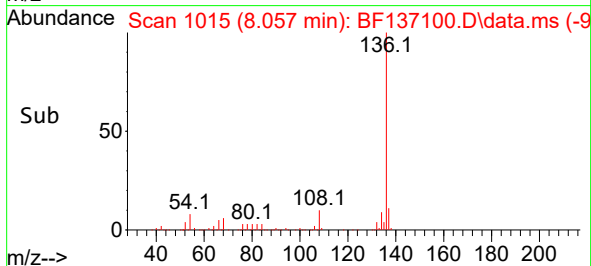
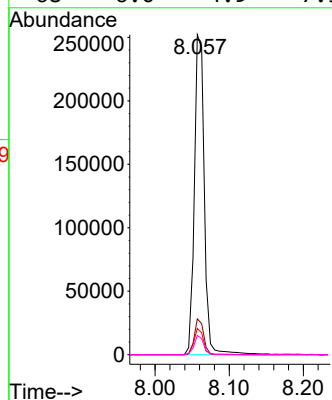
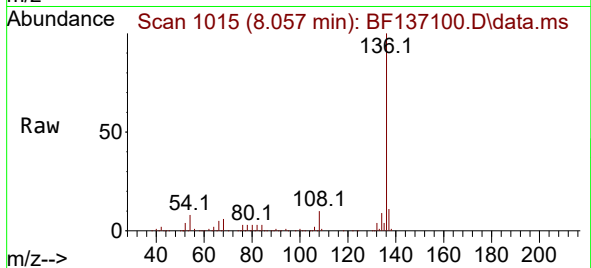
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.2 7.2 10.8

68 6.0 4.9 7.3



#23

Nitrobenzene-d5

Concen: 78.732 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137100.D

Acq: 17 Jan 2024 18:36

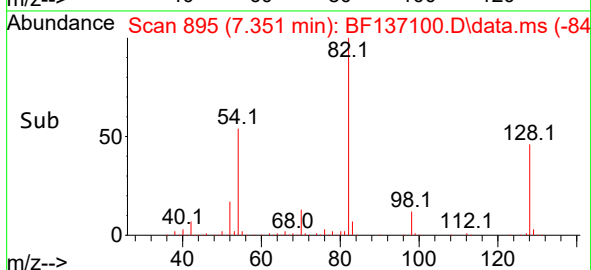
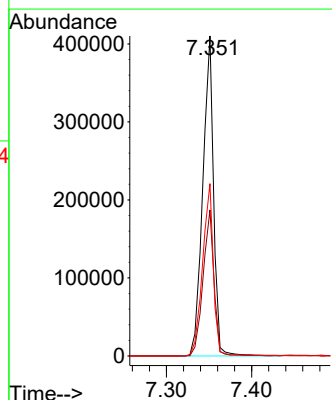
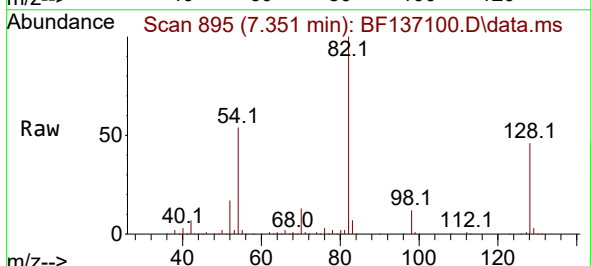
Tgt Ion: 82 Resp: 361429

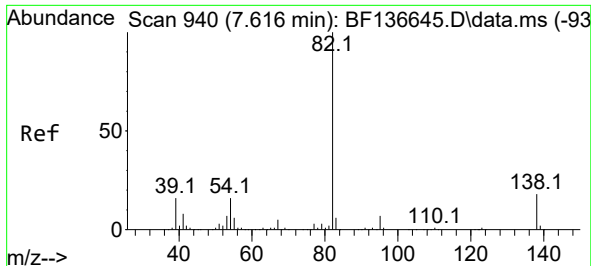
Ion Ratio Lower Upper

82 100

128 45.6 35.3 52.9

54 53.8 44.5 66.7

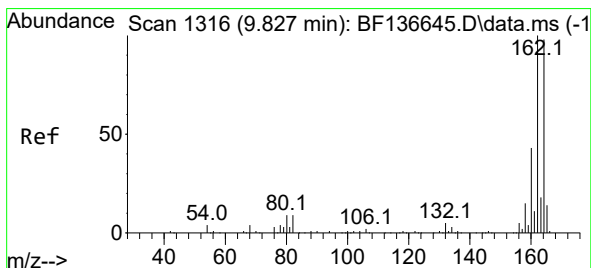
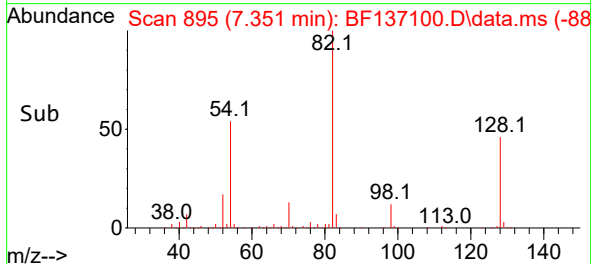
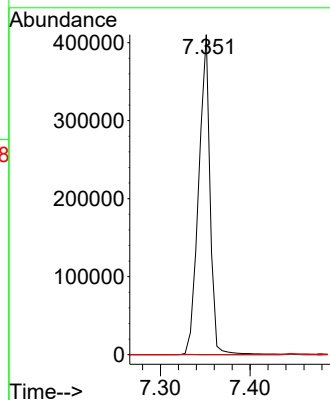
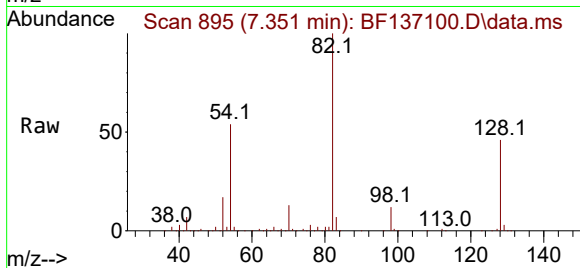




#25
Isophorone
Concen: 43.268 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

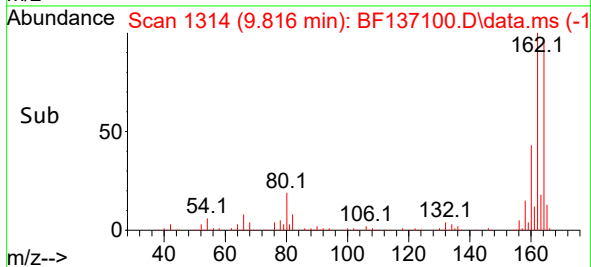
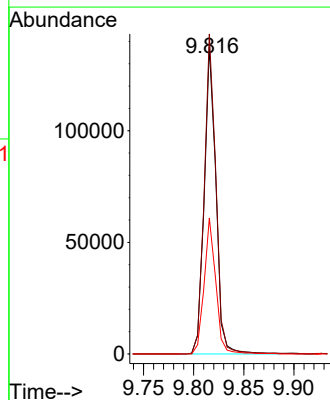
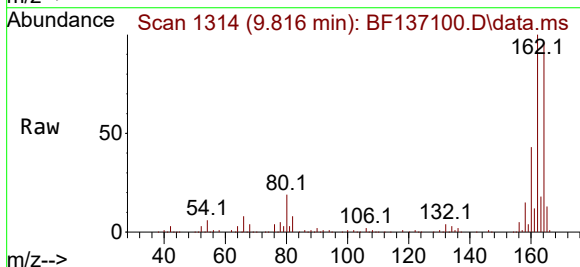
Instrument :
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ClientSampleId :
MR-314-16-18

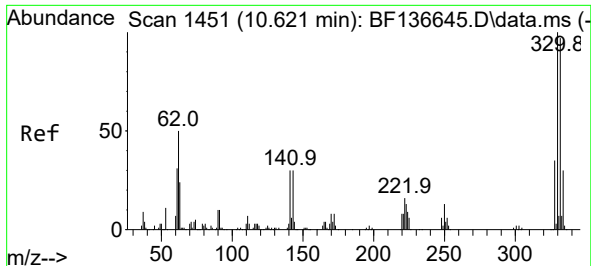
Tgt Ion: 82 Resp: 361423
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

Tgt Ion:164 Resp: 112007
Ion Ratio Lower Upper
164 100
162 104.2 81.6 122.4
160 44.3 34.9 52.3

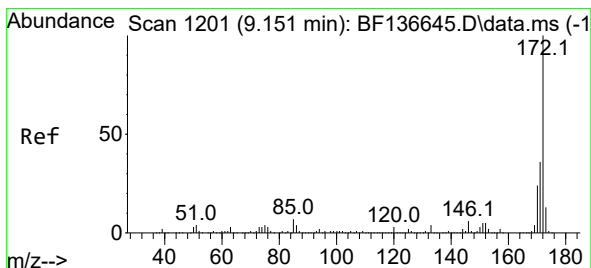
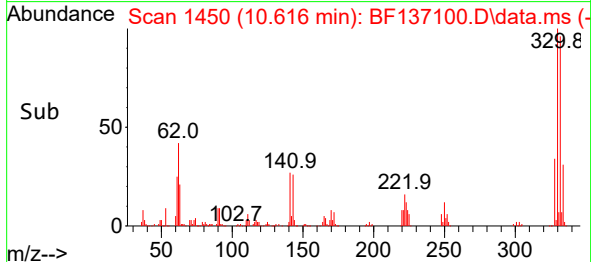
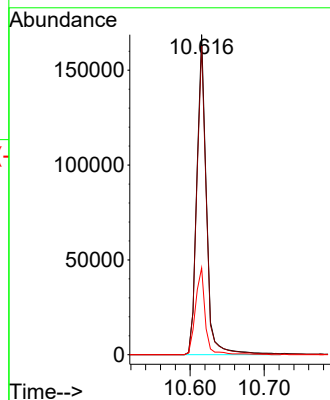
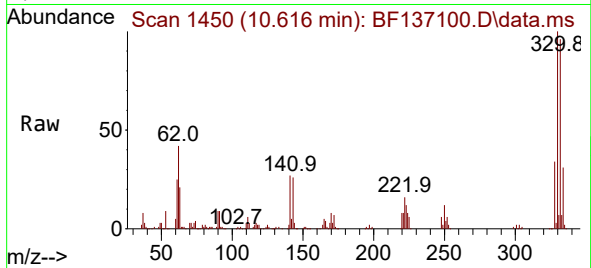




#42
2,4,6-Tribromophenol
Concen: 114.722 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

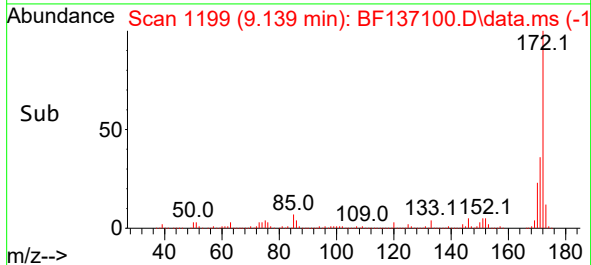
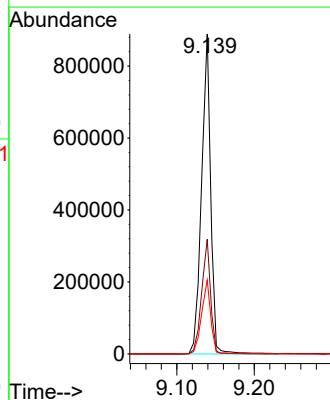
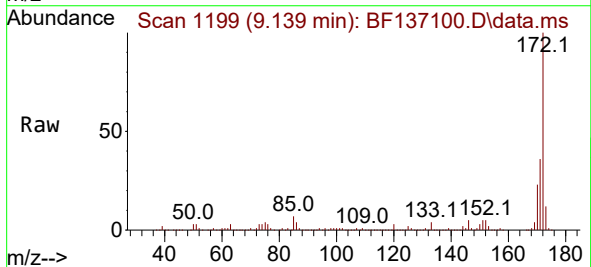
Instrument :
BNA_F
ClientSampleId :
MR-314-16-18

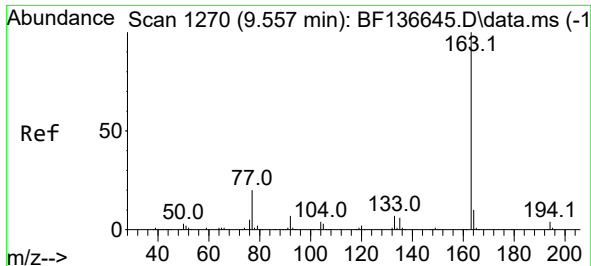
Tgt Ion:330 Resp: 151333
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 27.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 87.532 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

Tgt Ion:172 Resp: 728945
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.1 19.0 28.4

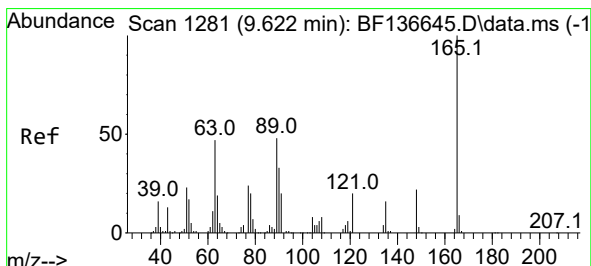
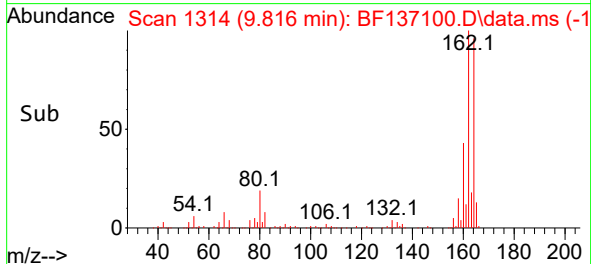
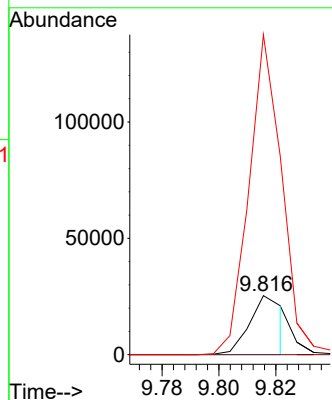
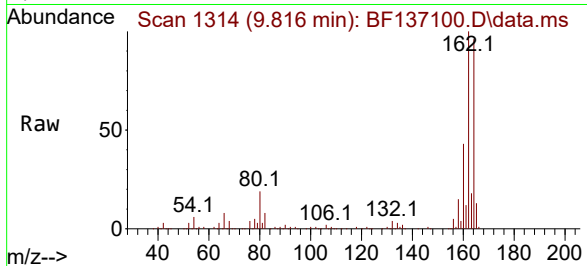




#50
Dimethylphthalate
Concen: 2.541 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

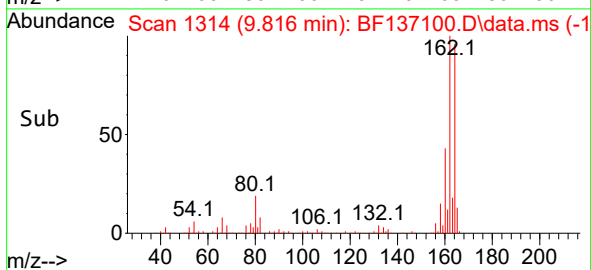
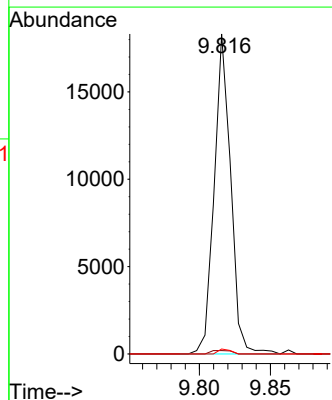
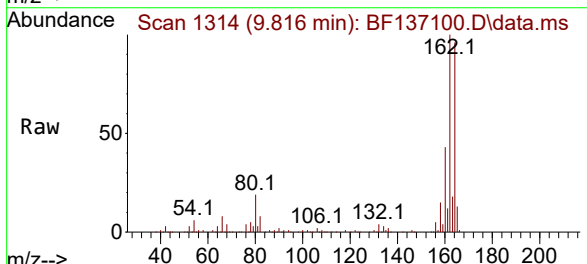
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MR-314-16-18

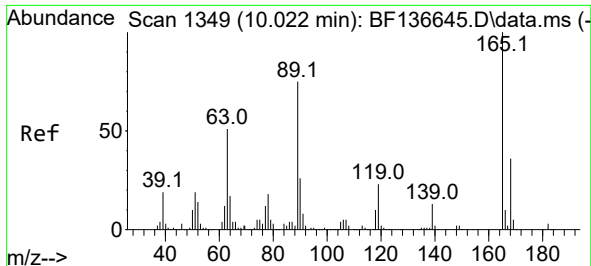
Tgt Ion:163 Resp: 20786
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 542.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.984 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

Tgt Ion:165 Resp: 14825
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.5 38.8 58.2#

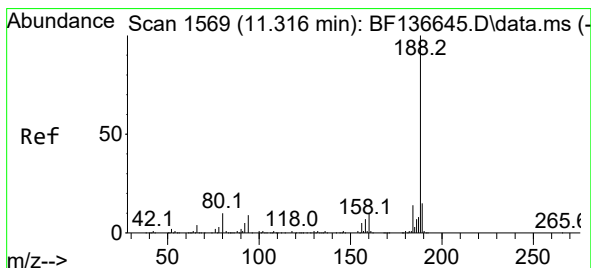
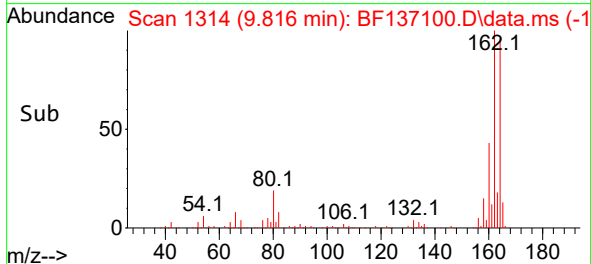
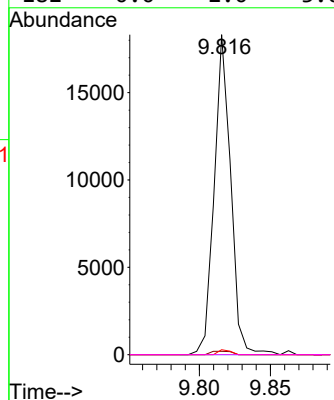
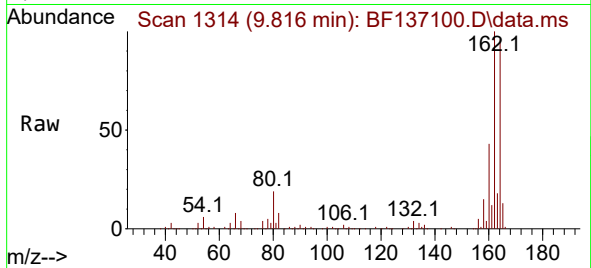




#57
2,4-Dinitrotoluene
Concen: 6.150 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

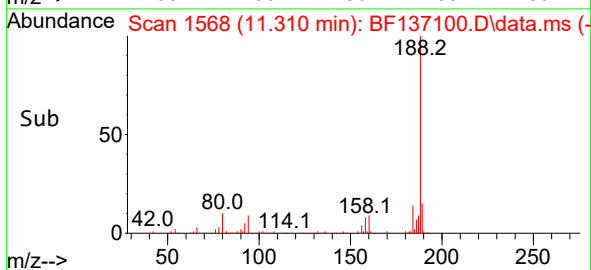
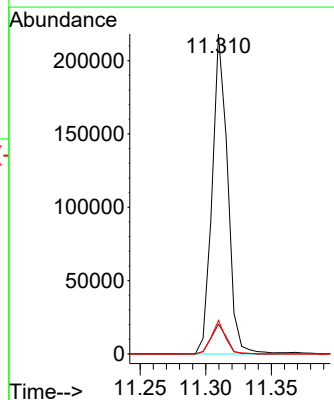
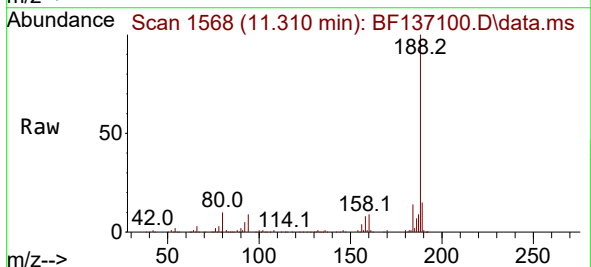
Instrument :
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ClientSampleId :
MR-314-16-18

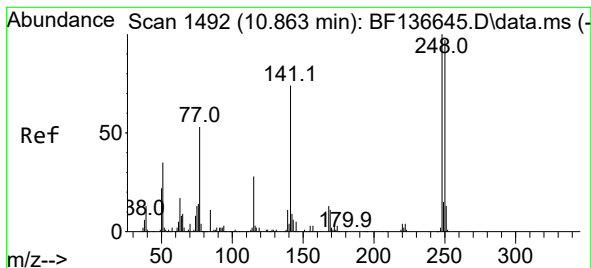
Tgt Ion:165 Resp: 14825
Ion Ratio Lower Upper
165 100
63 1.0 41.0 61.6#
89 1.5 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

Tgt Ion:188 Resp: 179151
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 10.5 8.1 12.1

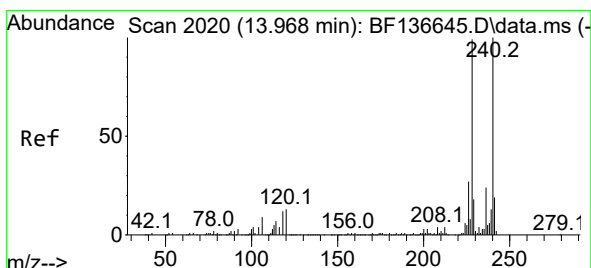
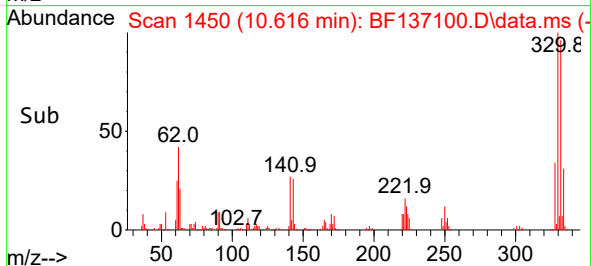
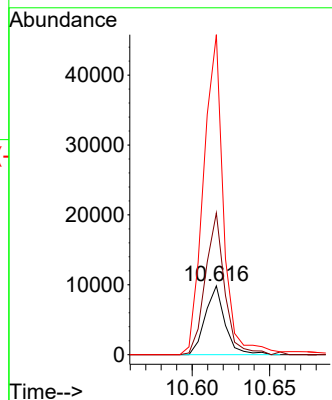
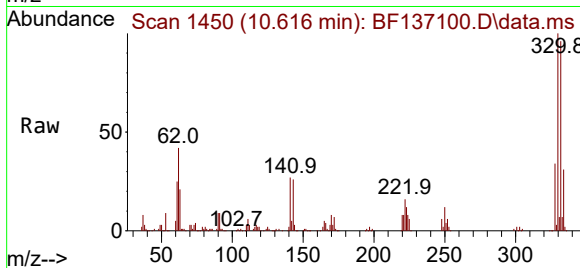




#67
4-Bromophenyl-phenylether
Concen: 4.367 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

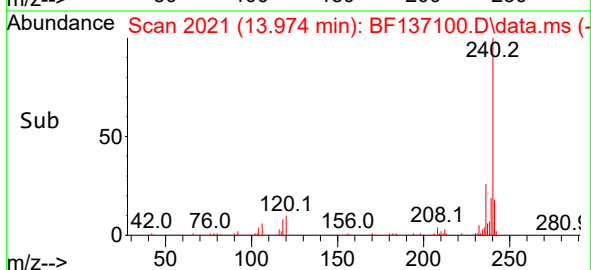
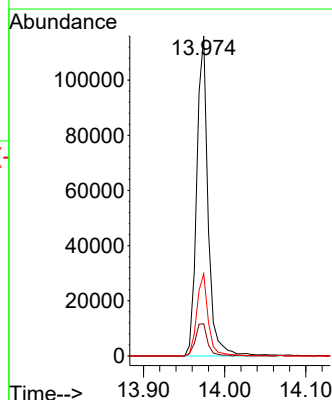
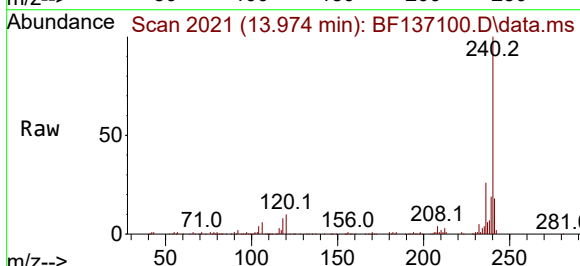
Instrument :
BNA_F
ClientSampleId :
MR-314-16-18

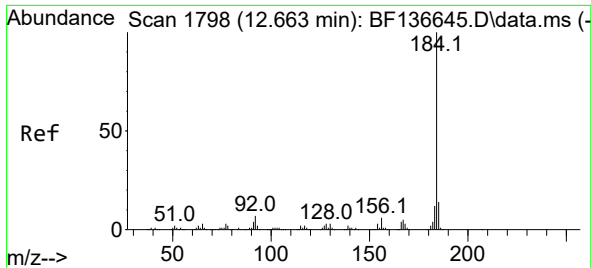
Tgt Ion:248 Resp: 8689
Ion Ratio Lower Upper
248 100
250 205.9 77.8 116.6#
141 464.7 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

Tgt Ion:240 Resp: 113410
Ion Ratio Lower Upper
240 100
120 10.1 10.3 15.5#
236 25.7 19.4 29.2

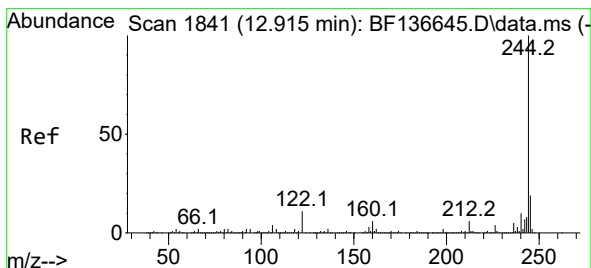
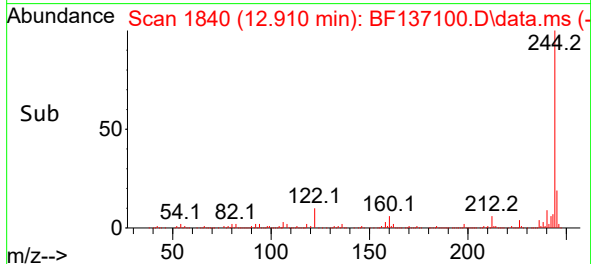
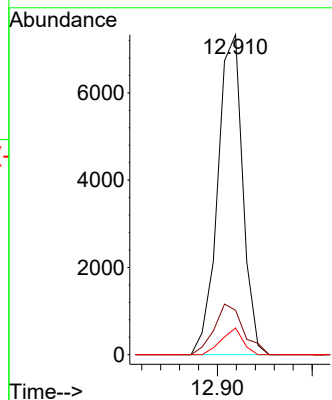
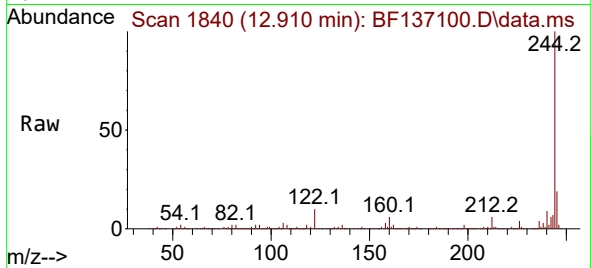




#77
Benzidine
Concen: 2.010 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

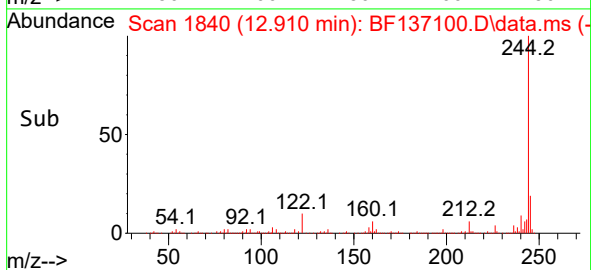
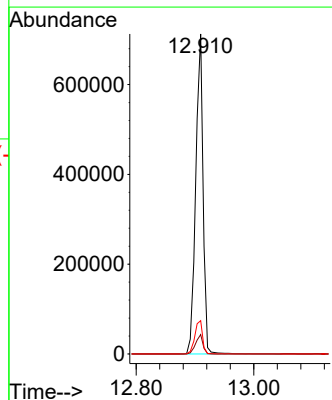
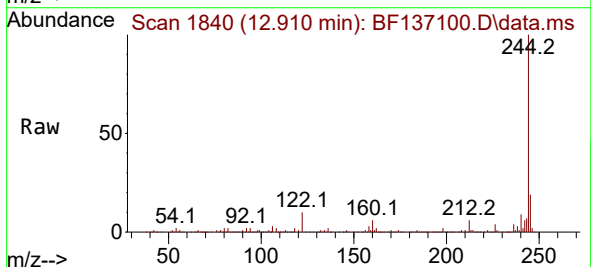
Instrument :
BNA_F
ClientSampleId :
MR-314-16-18

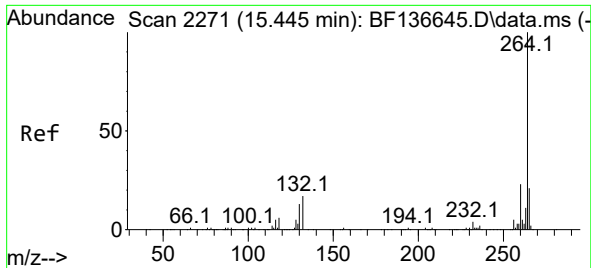
Tgt Ion:184 Resp: 6723
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 8.4 9.3 13.9#



#79
Terphenyl-d14
Concen: 76.190 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

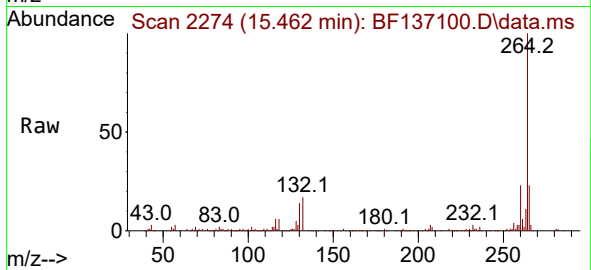
Tgt Ion:244 Resp: 618309
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 10.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF137100.D
 Acq: 17 Jan 2024 18:36

Instrument :
 BNA_F
 ClientSampleId :
 MR-314-16-18



Tgt Ion:264 Resp: 107225
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 22.6 17.0 25.6

