

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137104.D
 Acq On : 17 Jan 2024 20:33
 Operator : CG\JU
 Sample : P1150-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-306-25-27

Quant Time: Jan 18 01:17:57 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)

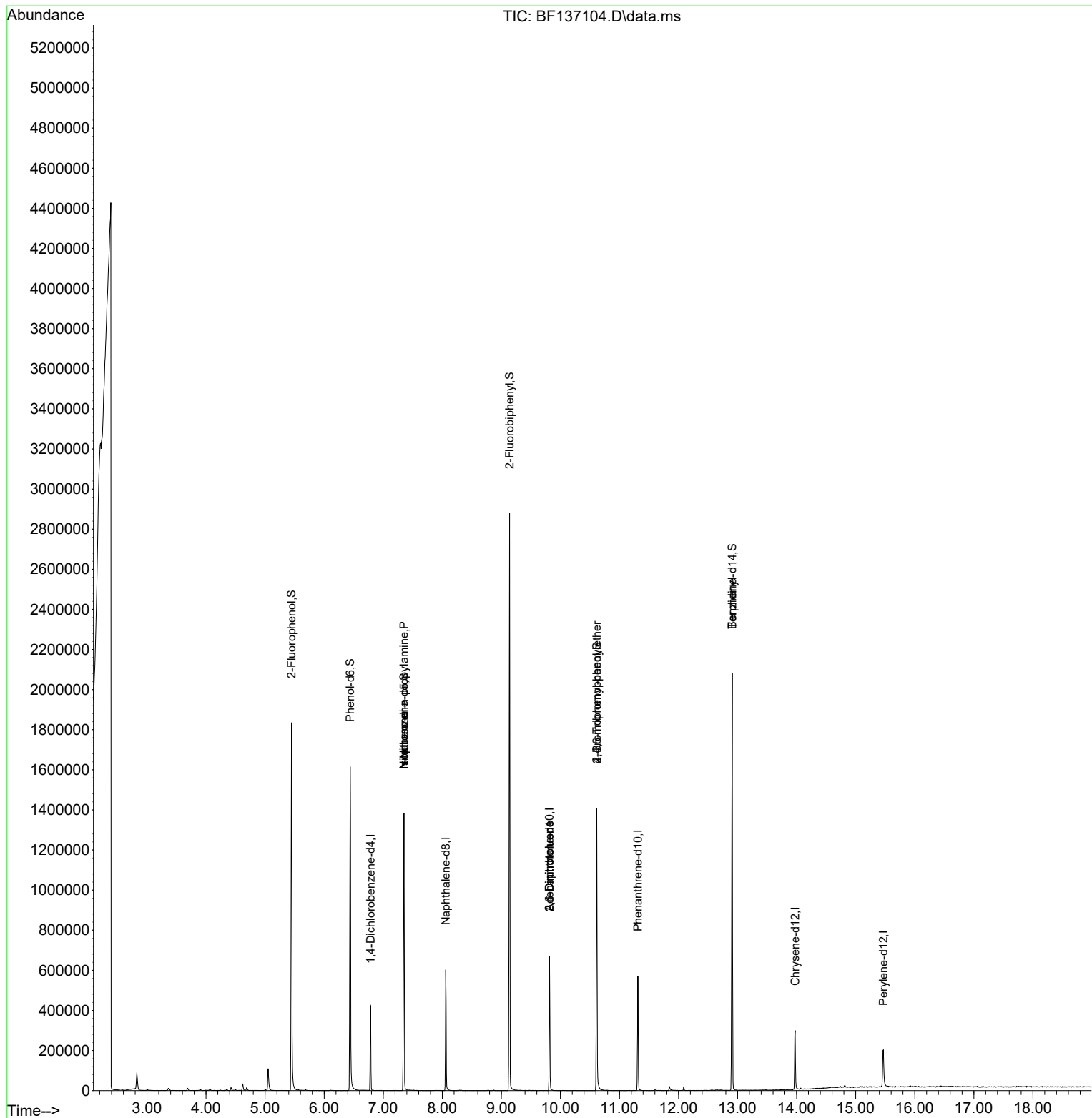
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	66636	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	256242	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	127143	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	205600	20.000	ng	0.00
76) Chrysene-d12	13.974	240	113042	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	107305	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	534763	125.215	ng	0.02
7) Phenol-d6	6.440	99	624839	112.912	ng	0.00
23) Nitrobenzene-d5	7.351	82	454638	90.790	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	189141	126.314	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	916338	96.935	ng	-0.01
79) Terphenyl-d14	12.910	244	711630	87.974	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	59845	17.840	ng	# 76
25) Isophorone	7.351	82	454634	49.895	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	16099	7.638	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	16099	5.884	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	11215	4.912	ng	# 1
77) Benzidine	12.910	184	7192	2.158	ng	# 92

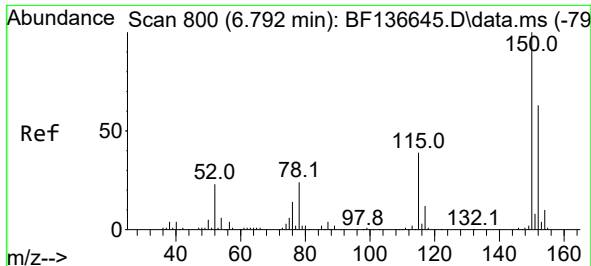
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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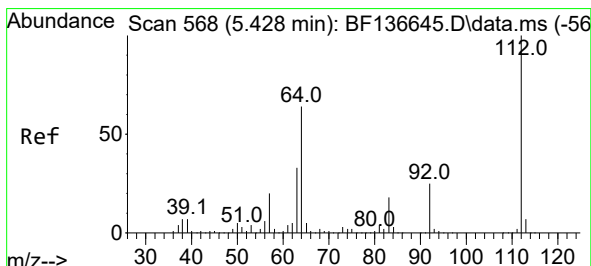
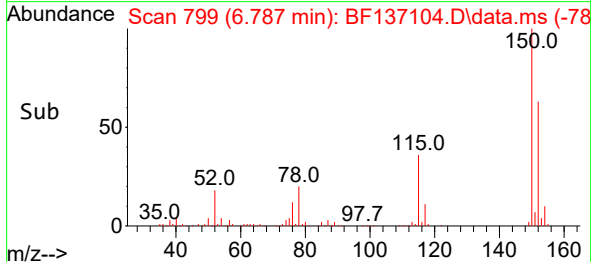
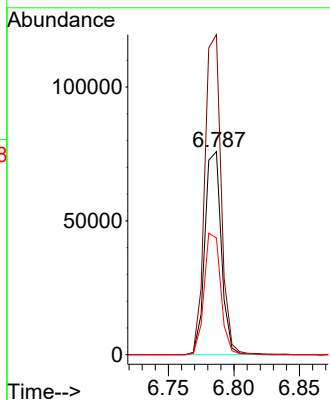
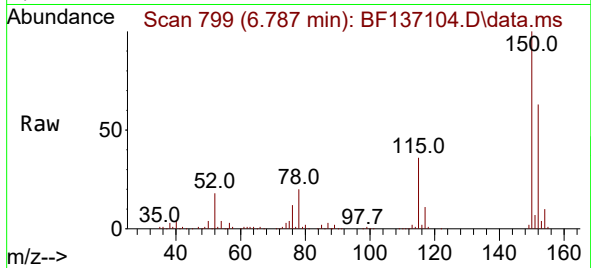




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

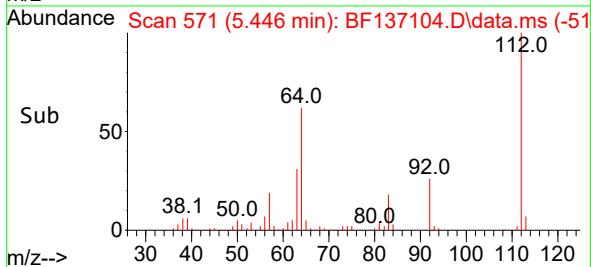
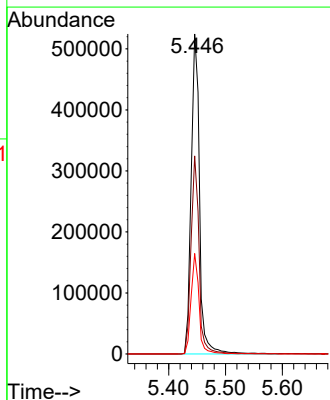
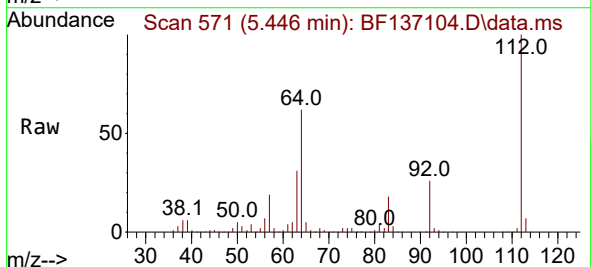
Instrument :
BNA_F
ClientSampleId :
MR-306-25-27

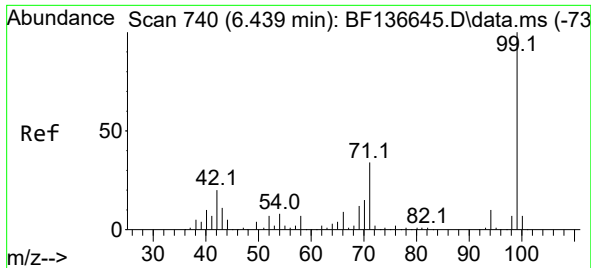
Tgt Ion:152 Resp: 66636
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 57.5 49.0 73.4



#5
2-Fluorophenol
Concen: 125.215 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

Tgt Ion:112 Resp: 534763
Ion Ratio Lower Upper
112 100
64 61.9 51.1 76.7
63 31.4 26.1 39.1

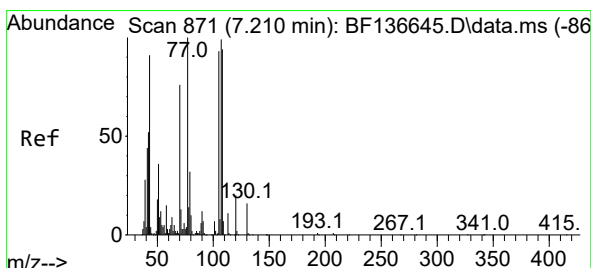
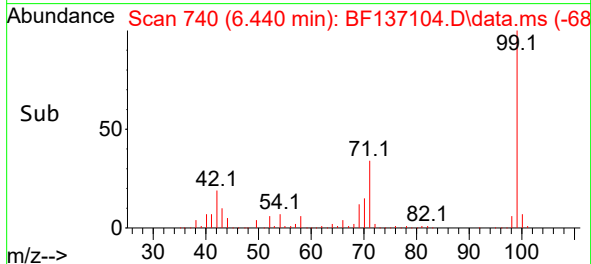
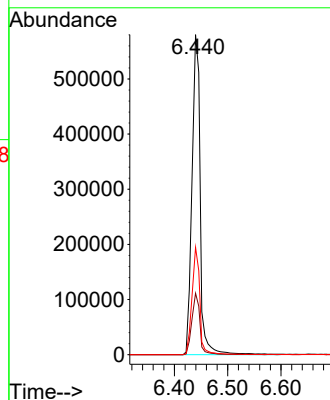
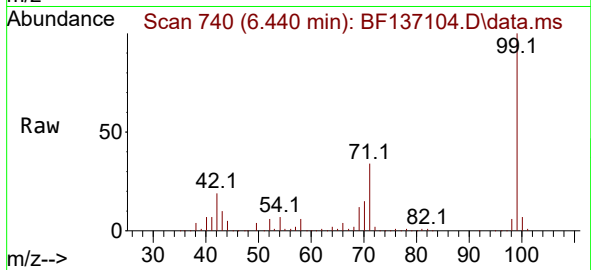




#7
Phenol-d6
Concen: 112.912 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

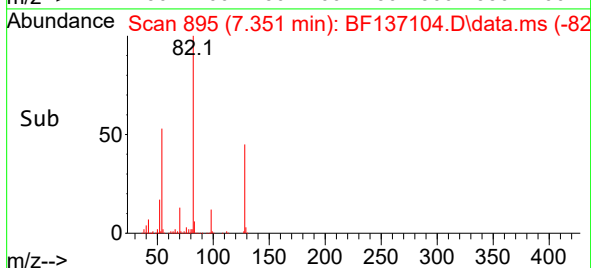
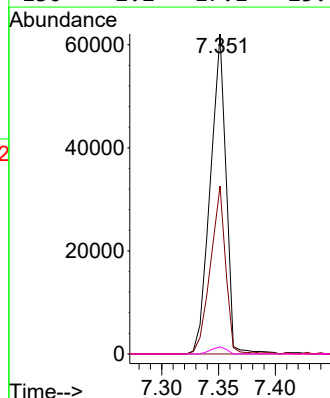
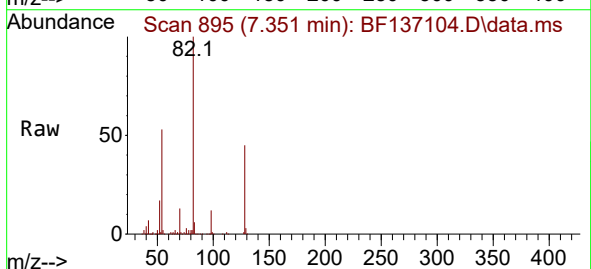
Instrument :
BNA_F
ClientSampleId :
MR-306-25-27

Tgt Ion: 99 Resp: 624839
Ion Ratio Lower Upper
99 100
42 19.2 16.1 24.1
71 33.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.840 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

Tgt Ion: 70 Resp: 59845
Ion Ratio Lower Upper
70 100
42 52.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137104.D

Acq: 17 Jan 2024 20:33

Instrument :

BNA_F

ClientSampleId :

MR-306-25-27

Tgt Ion:136 Resp: 256242

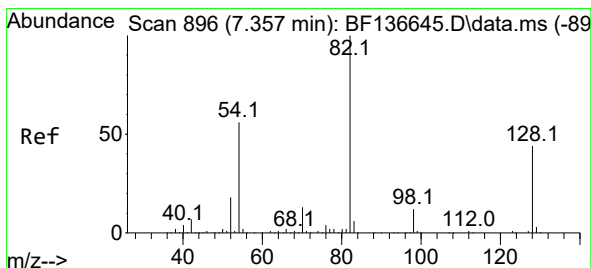
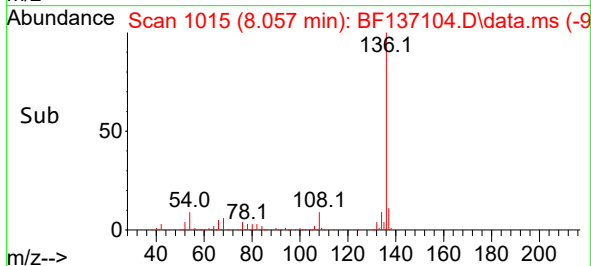
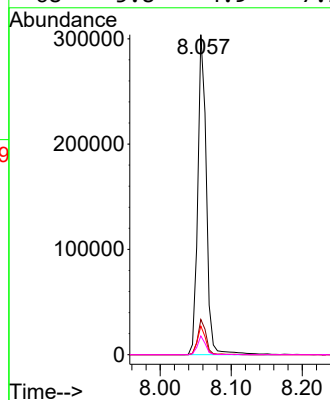
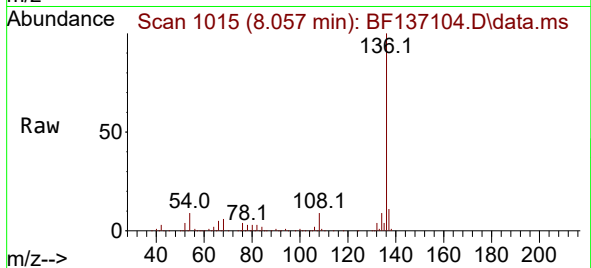
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.9 7.2 10.8

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 90.790 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137104.D

Acq: 17 Jan 2024 20:33

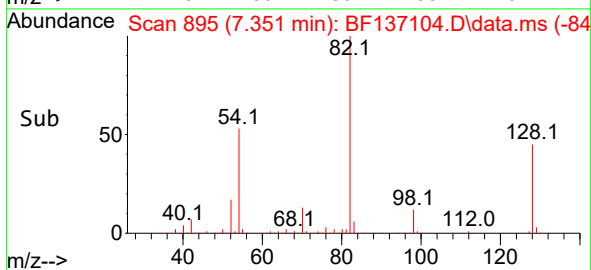
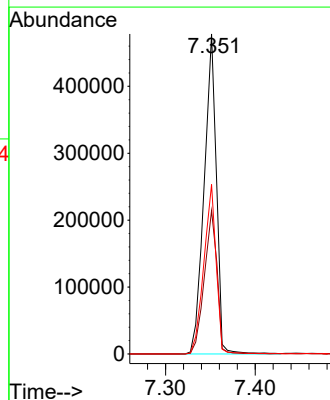
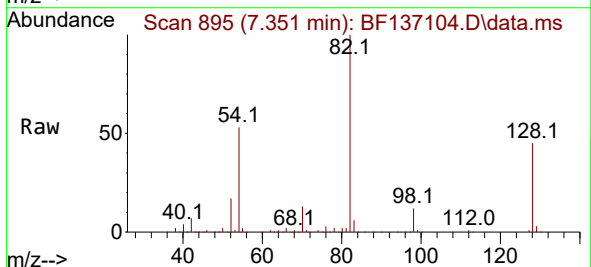
Tgt Ion: 82 Resp: 454638

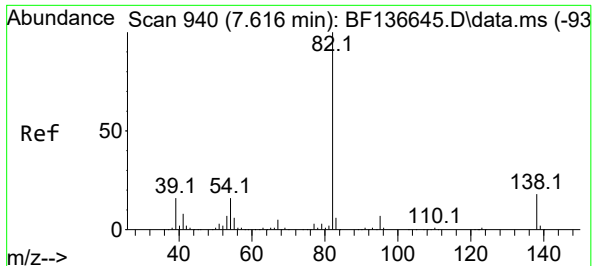
Ion Ratio Lower Upper

82 100

128 44.8 35.3 52.9

54 53.0 44.5 66.7

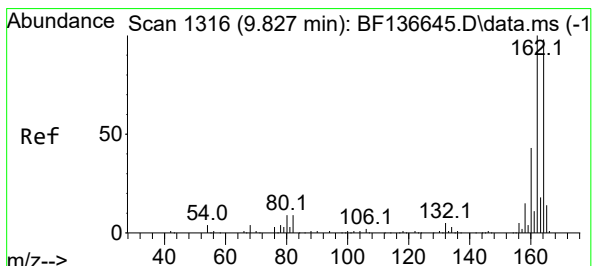
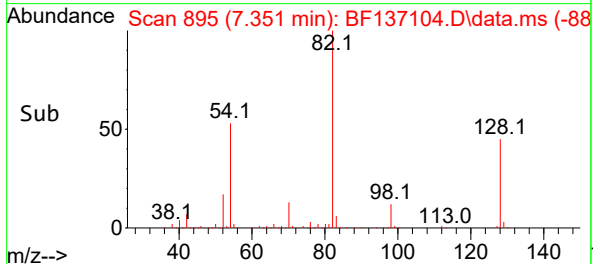
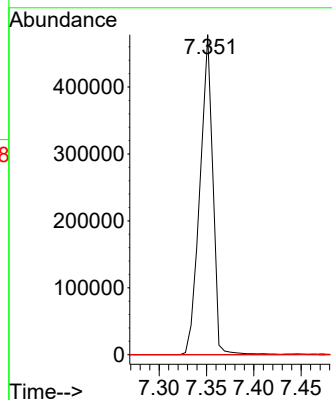
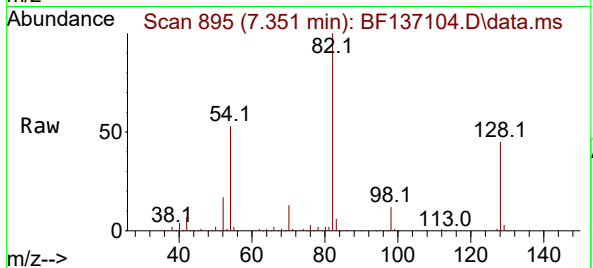




#25
Isophorone
Concen: 49.895 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

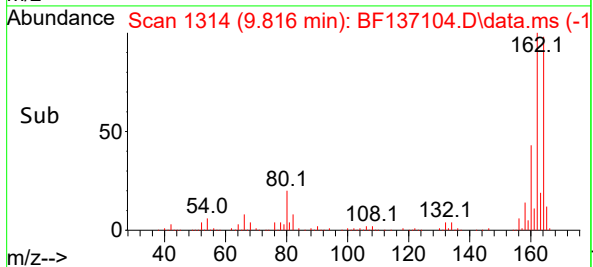
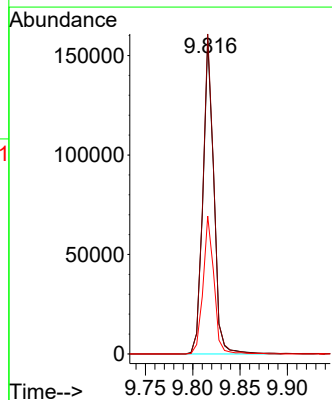
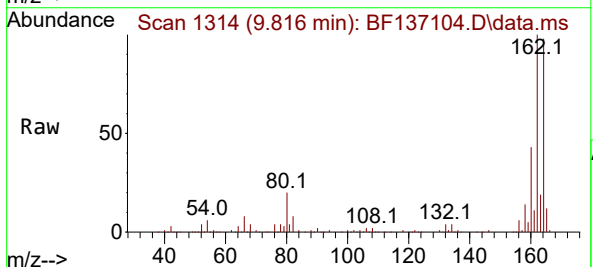
Instrument :
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MR-306-25-27

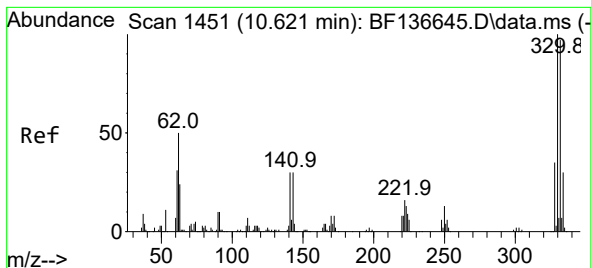
Tgt Ion: 82 Resp: 454634
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

Tgt Ion:164 Resp: 127143
Ion Ratio Lower Upper
164 100
162 102.2 81.6 122.4
160 44.0 34.9 52.3

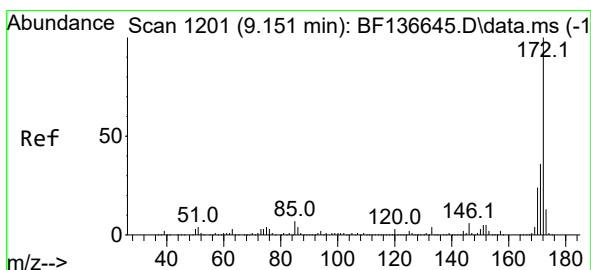
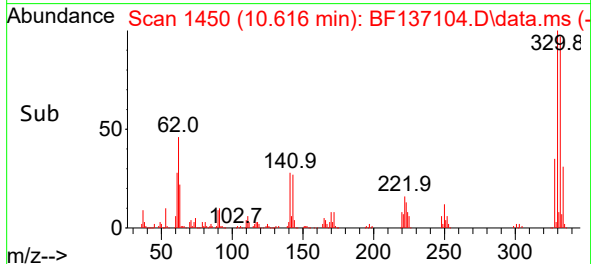
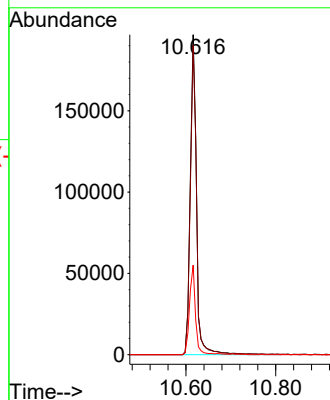
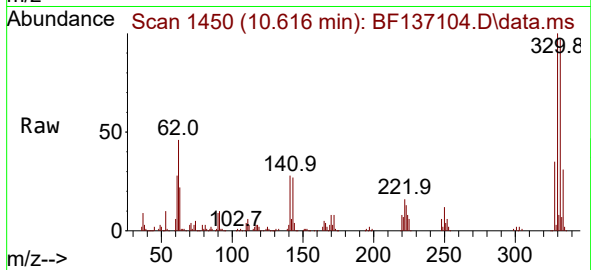




#42
2,4,6-Tribromophenol
Concen: 126.314 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

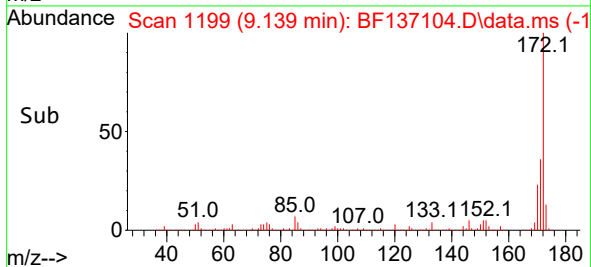
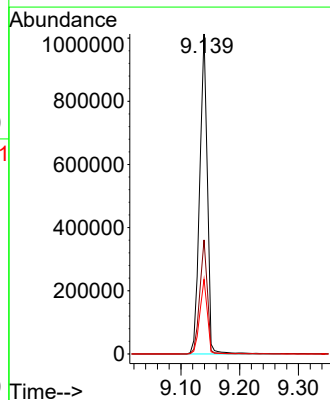
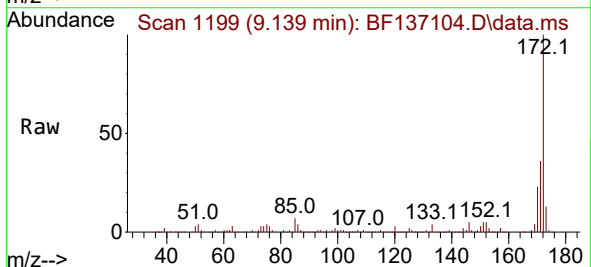
Instrument :
BNA_F
ClientSampleId :
MR-306-25-27

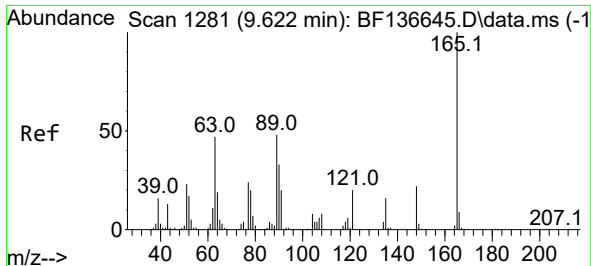
Tgt Ion:330 Resp: 189141
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 27.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 96.935 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

Tgt Ion:172 Resp: 916338
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.4 19.0 28.4

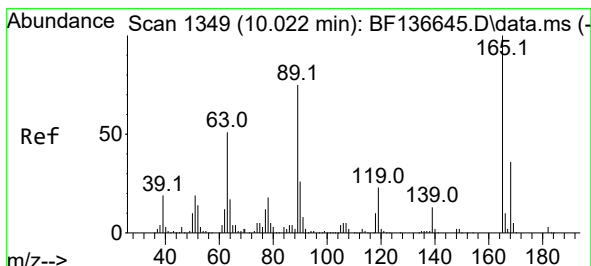
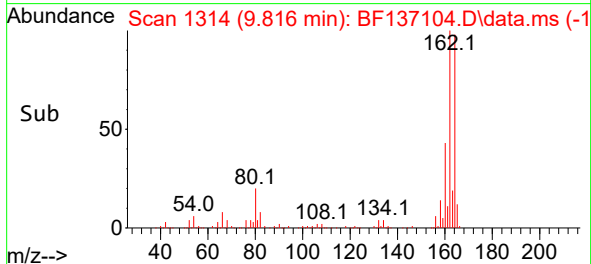
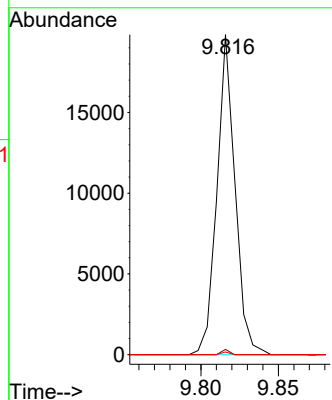
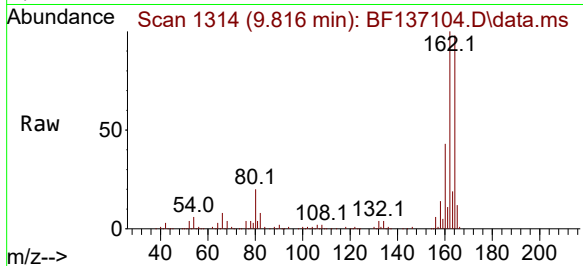




#51
2,6-Dinitrotoluene
Concen: 7.638 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

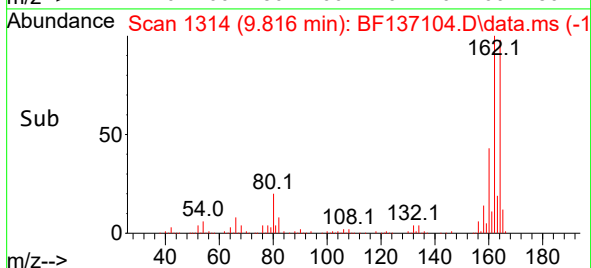
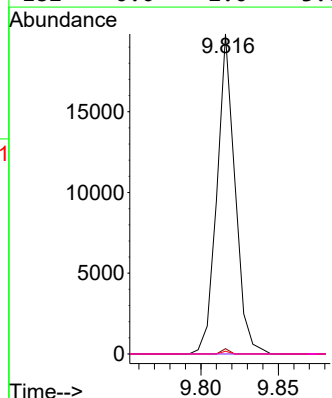
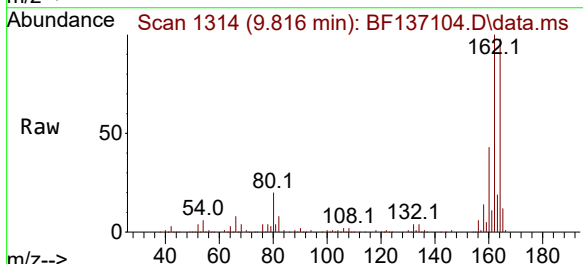
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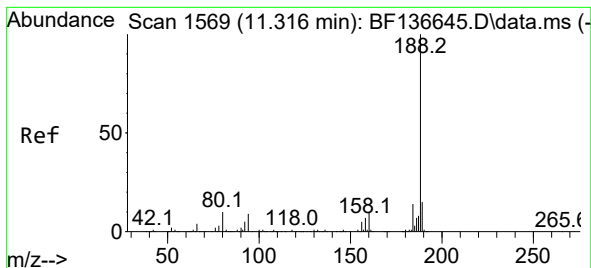
Tgt Ion:165 Resp: 16099
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 0.9 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.884 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

Tgt Ion:165 Resp: 16099
Ion Ratio Lower Upper
165 100
63 1.7 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137104.D

Acq: 17 Jan 2024 20:33

Instrument :

BNA_F

ClientSampleId :

MR-306-25-27

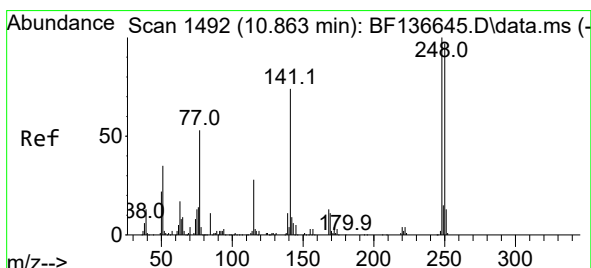
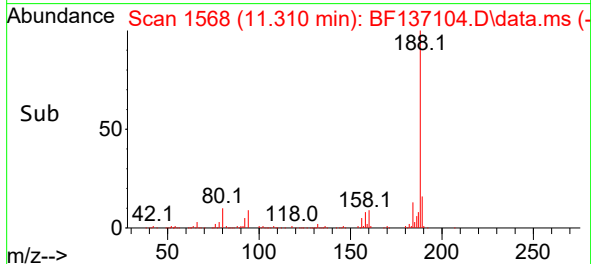
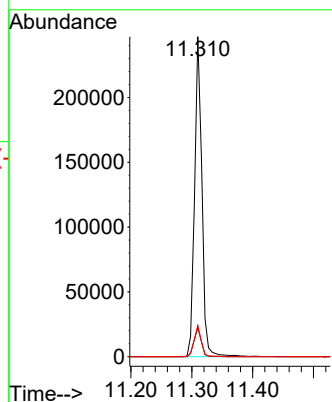
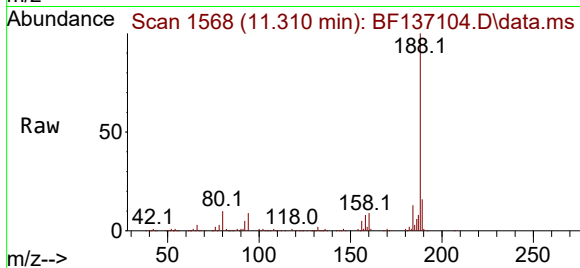
Tgt Ion:188 Resp: 205600

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.8 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.912 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.247 min

Lab File: BF137104.D

Acq: 17 Jan 2024 20:33

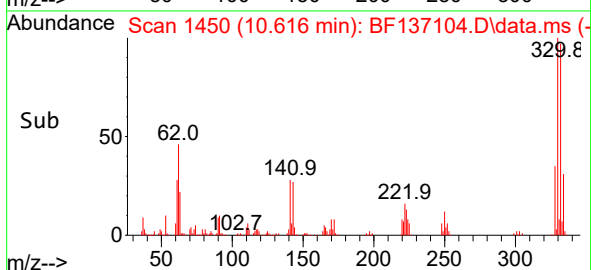
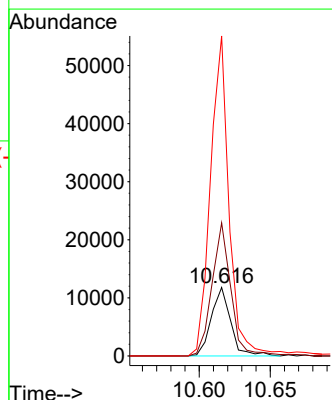
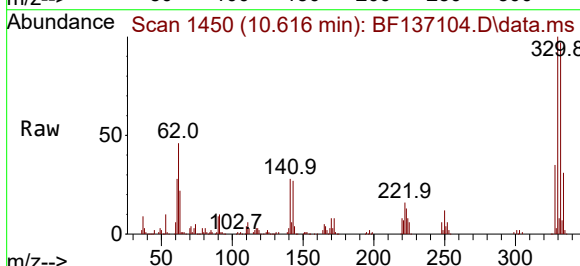
Tgt Ion:248 Resp: 11215

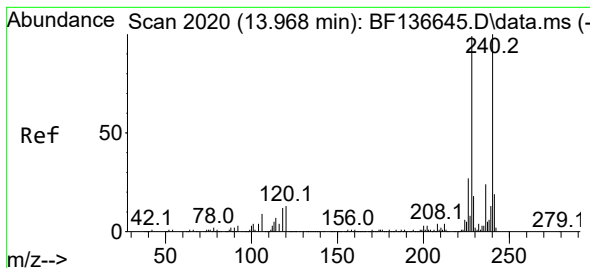
Ion Ratio Lower Upper

248 100

250 194.4 77.8 116.6#

141 467.4 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137104.D

Acq: 17 Jan 2024 20:33

Instrument :

BNA_F

ClientSampleId :

MR-306-25-27

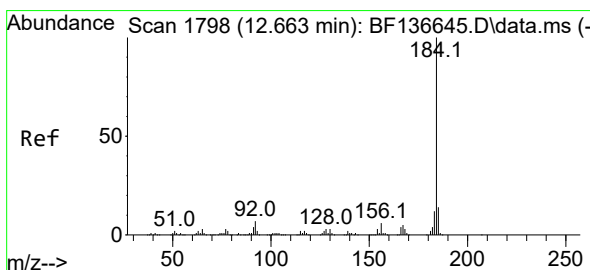
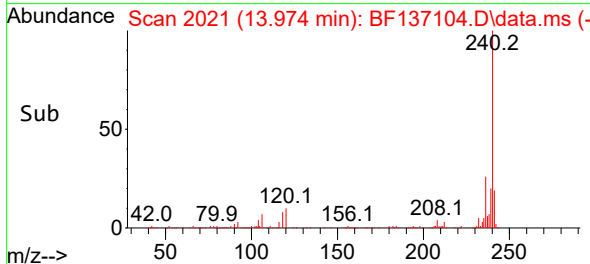
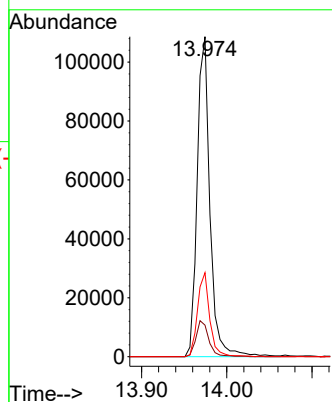
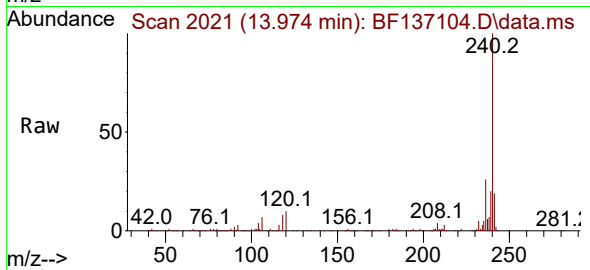
Tgt Ion:240 Resp: 113042

Ion Ratio Lower Upper

240 100

120 9.9 10.3 15.5#

236 26.3 19.4 29.2



#77

Benidine

Concen: 2.158 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.247 min

Lab File: BF137104.D

Acq: 17 Jan 2024 20:33

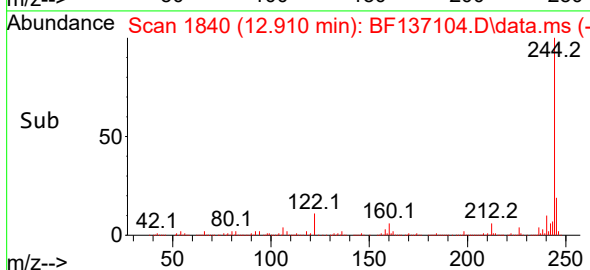
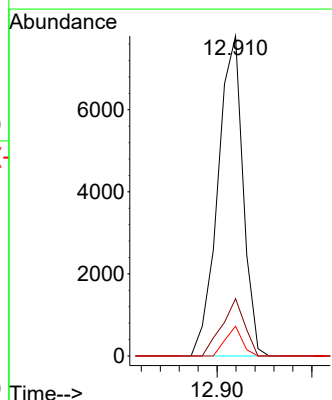
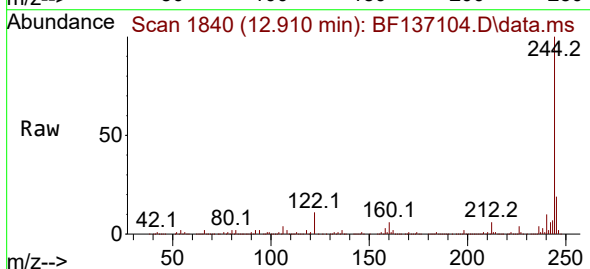
Tgt Ion:184 Resp: 7192

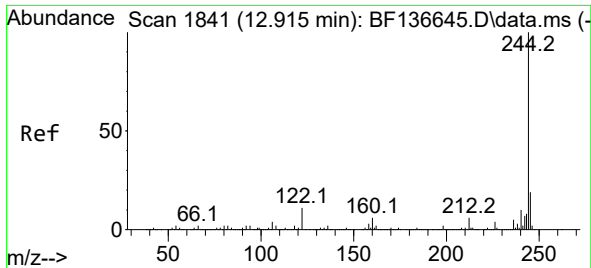
Ion Ratio Lower Upper

184 100

185 17.9 11.2 16.8#

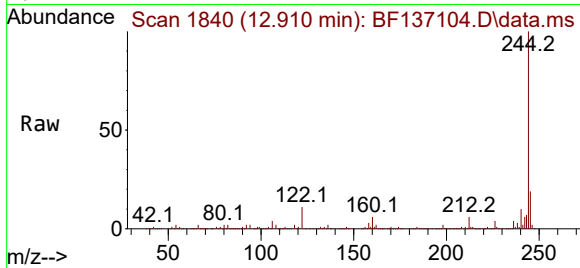
183 9.3 9.3 13.9



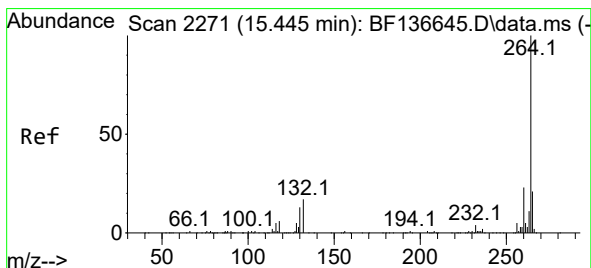
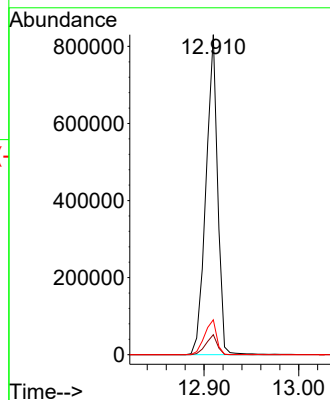
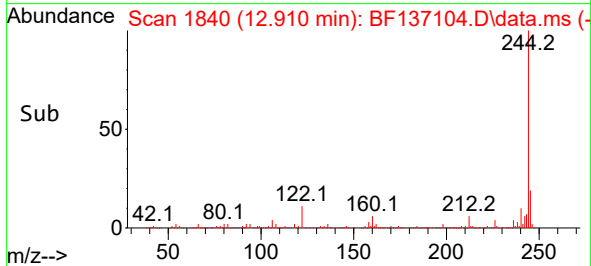


#79
 Terphenyl-d14
 Concen: 87.974 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137104.D
 Acq: 17 Jan 2024 20:33

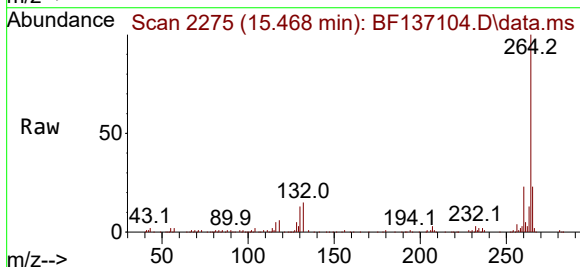
Instrument :
 BNA_F
 ClientSampleId :
 MR-306-25-27



Tgt Ion:244 Resp: 711630
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.9 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.024 min
 Lab File: BF137104.D
 Acq: 17 Jan 2024 20:33



Tgt Ion:264 Resp: 107305
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 22.5 17.0 25.6

