

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137101.D
 Acq On : 17 Jan 2024 19:05
 Operator : CG\JU
 Sample : P1140-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-309-0-2

Quant Time: Jan 18 01:17:15 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)

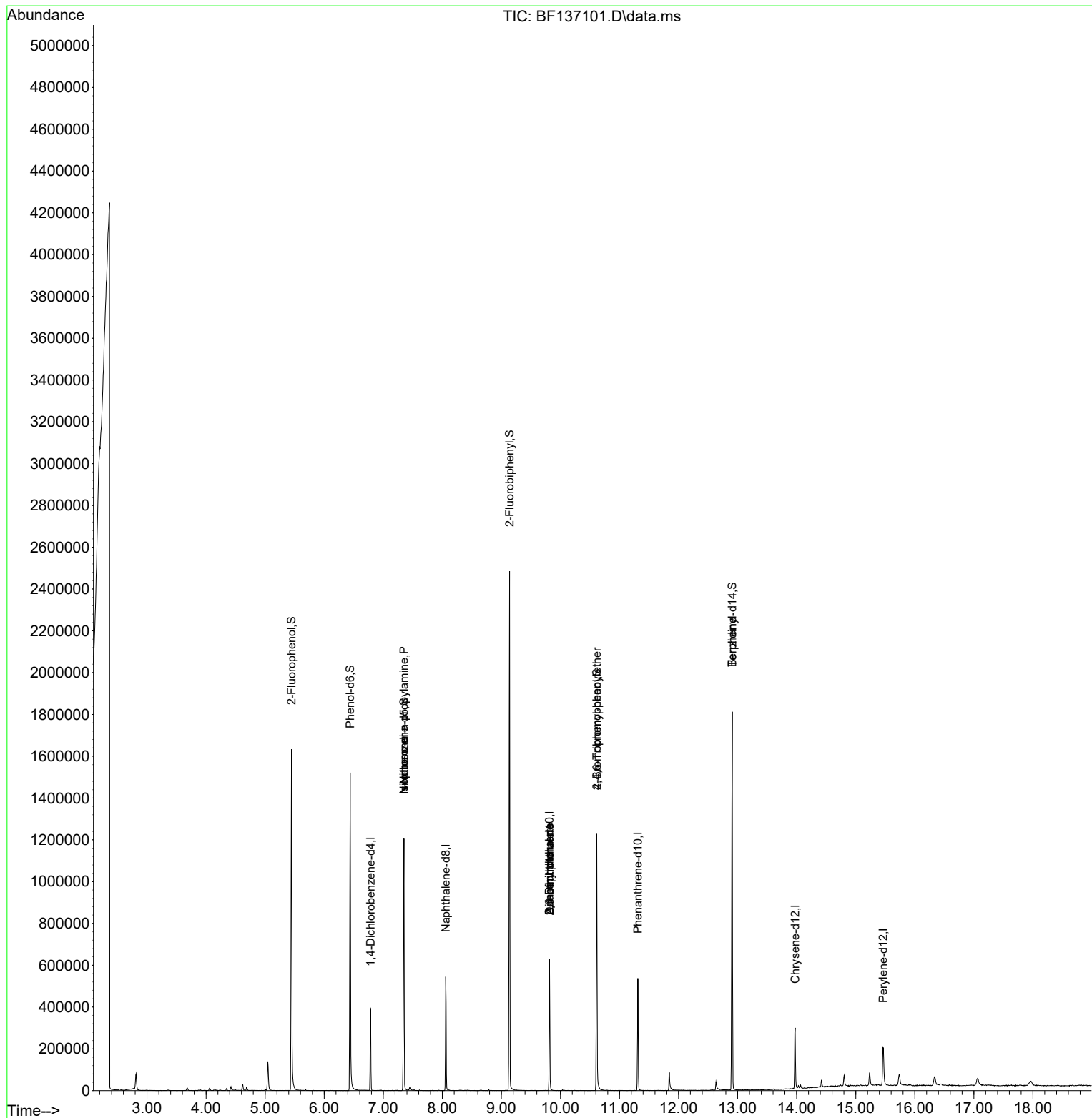
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	61367	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	235978	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	115738	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	190233	20.000	ng	0.00
76) Chrysene-d12	13.974	240	114034	20.000	ng	0.00
86) Perylene-d12	15.462	264	107011	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	455175	115.730	ng	0.02
7) Phenol-d6	6.439	99	526262	103.264	ng	0.00
23) Nitrobenzene-d5	7.351	82	379046	82.195	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	165439	121.372	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	771282	89.630	ng	-0.01
79) Terphenyl-d14	12.910	244	643977	78.918	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	48610	15.735	ng	# 72
25) Isophorone	7.351	82	379043	45.171	ng	# 65
50) Dimethylphthalate	9.816	163	22275	2.635	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	15424	8.039	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	15424	6.193	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	9232	4.370	ng	# 1
77) Benzidine	12.910	184	6770	2.013	ng	# 86

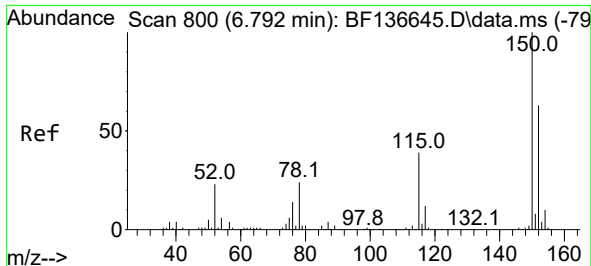
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
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Quant Time: Jan 18 01:17:15 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

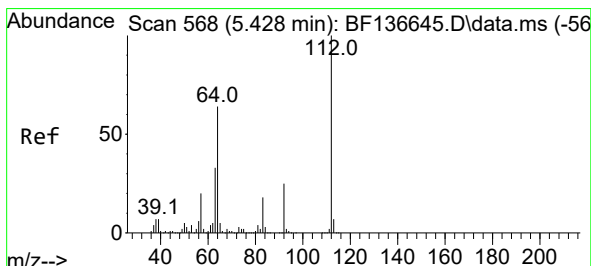
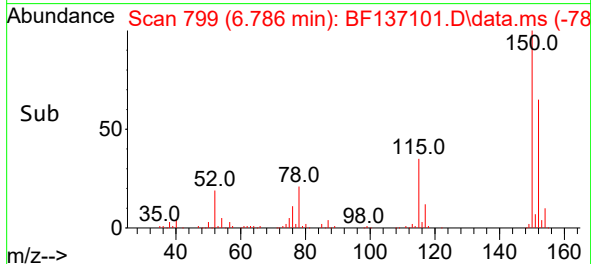
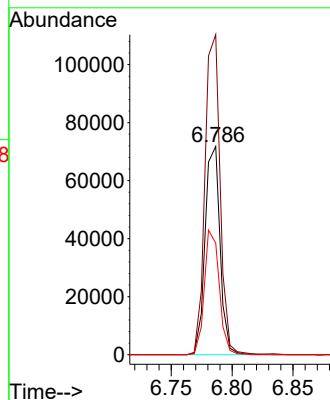
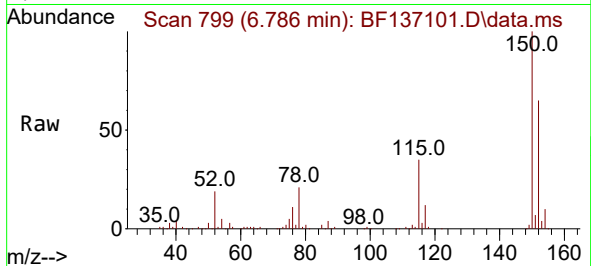




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

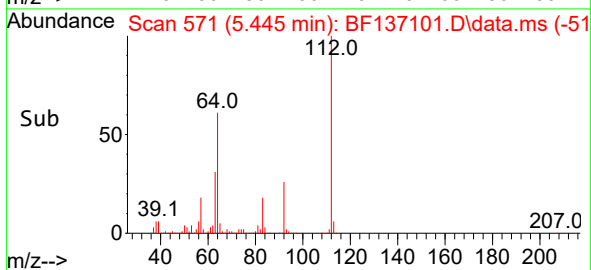
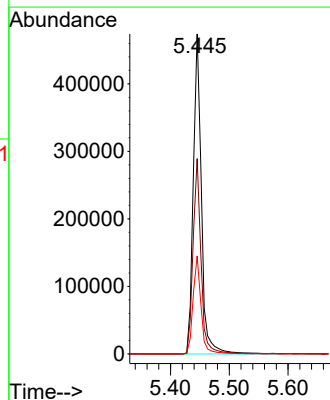
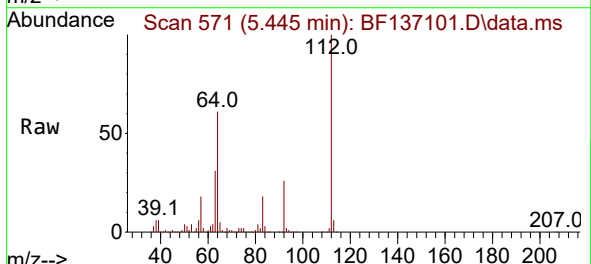
Instrument :
BNA_F
ClientSampleId :
MR-309-0-2

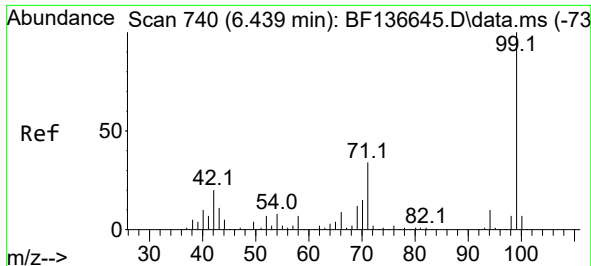
Tgt Ion:152 Resp: 61367
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.6
115 53.6 49.0 73.4



#5
2-Fluorophenol
Concen: 115.730 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

Tgt Ion:112 Resp: 455175
Ion Ratio Lower Upper
112 100
64 61.0 51.1 76.7
63 30.7 26.1 39.1

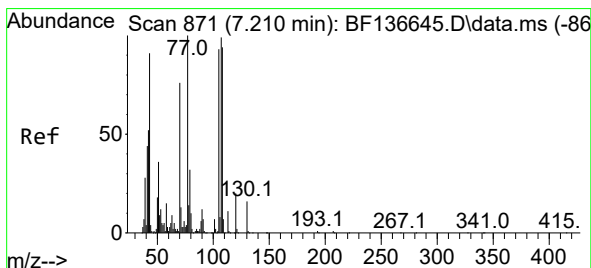
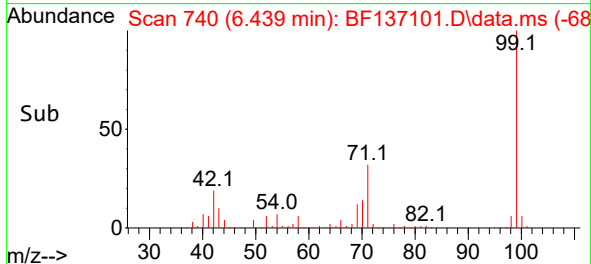
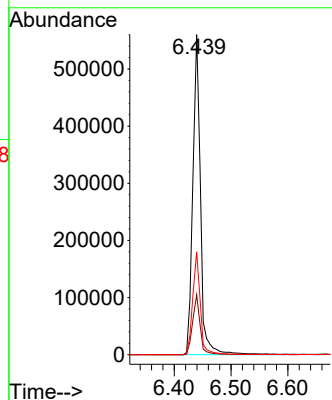
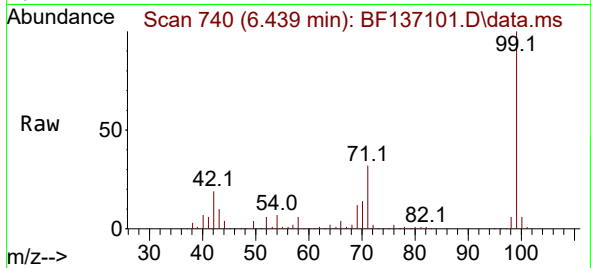




#7
Phenol-d6
Concen: 103.264 ng
RT: 6.439 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

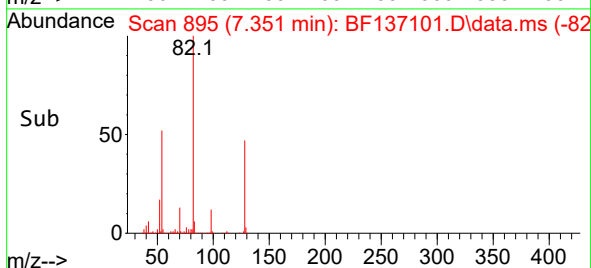
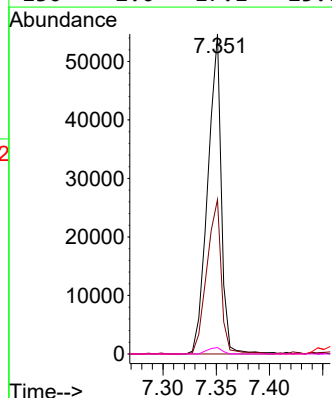
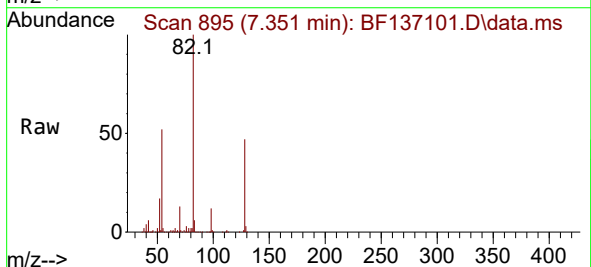
Instrument :
BNA_F
ClientSampleId :
MR-309-0-2

Tgt Ion: 99 Resp: 526262
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.735 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

Tgt Ion: 70 Resp: 48610
Ion Ratio Lower Upper
70 100
42 48.2 54.2 81.4#
101 0.0 7.6 11.4#
130 2.0 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: BF137101.D

Acq: 17 Jan 2024 19:05

Instrument :

BNA_F

ClientSampleId :

MR-309-0-2

Tgt Ion:136 Resp: 235978

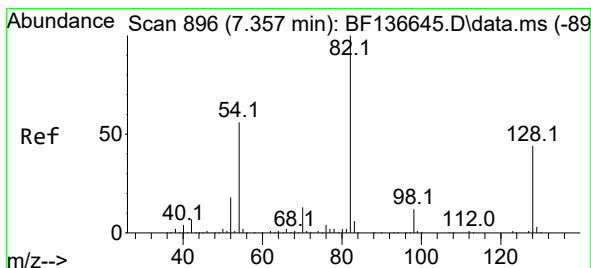
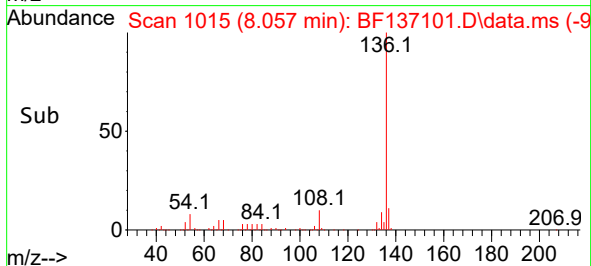
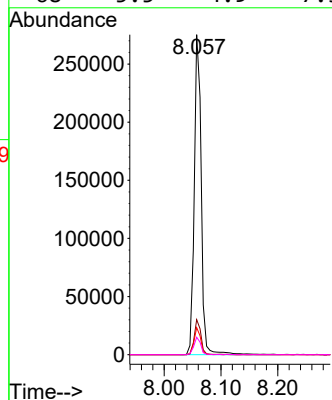
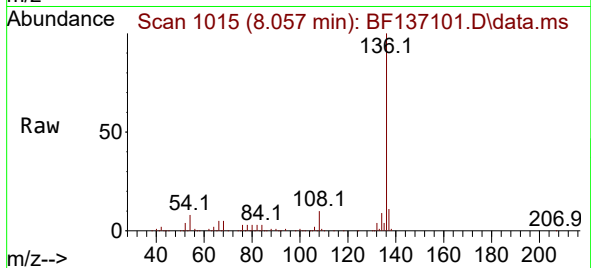
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 8.4 7.2 10.8

68 5.5 4.9 7.3



#23

Nitrobenzene-d5

Concen: 82.195 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137101.D

Acq: 17 Jan 2024 19:05

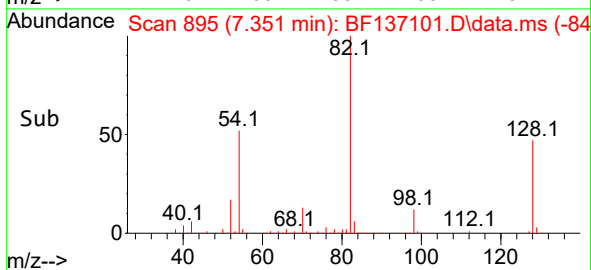
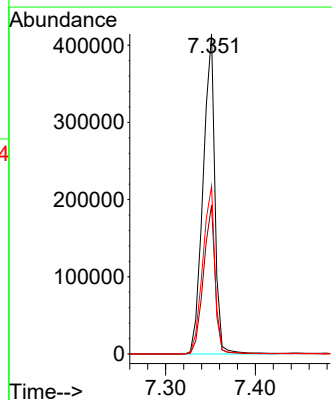
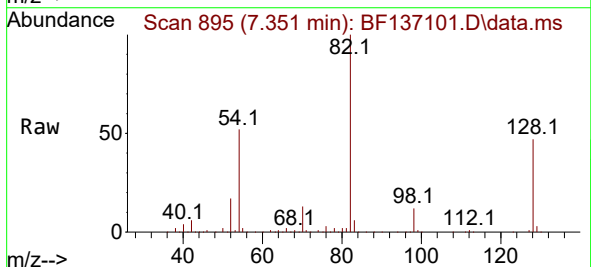
Tgt Ion: 82 Resp: 379046

Ion Ratio Lower Upper

82 100

128 46.5 35.3 52.9

54 52.4 44.5 66.7

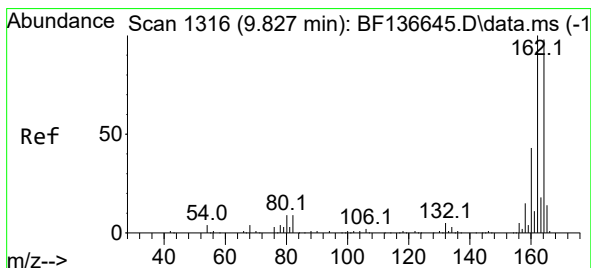
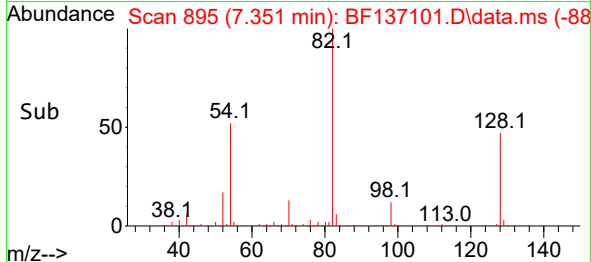
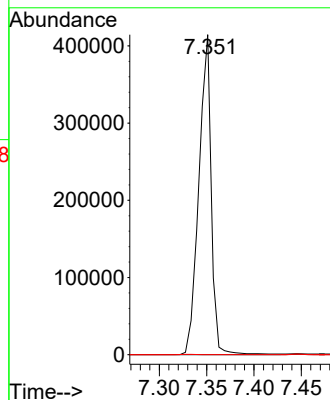
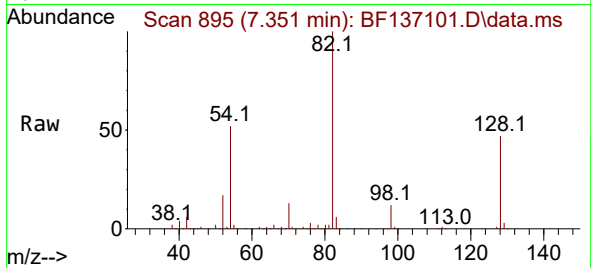




#25
Isophorone
Concen: 45.171 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

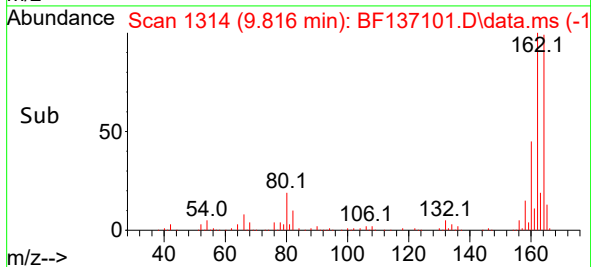
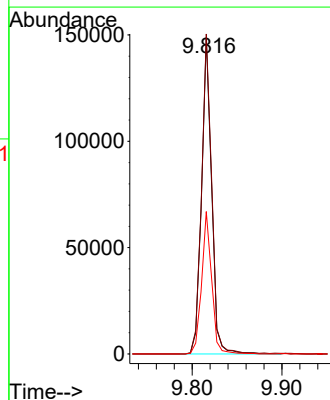
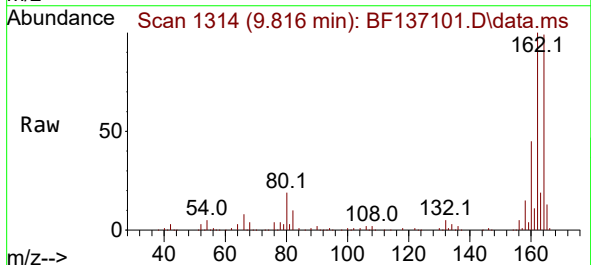
Instrument :
BNA_F
ClientSampleId :
MR-309-0-2

Tgt Ion: 82 Resp: 379043
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: BF137101.D
Acq: 17 Jan 2024 19:05

Tgt Ion:164 Resp: 115738
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 45.0 34.9 52.3

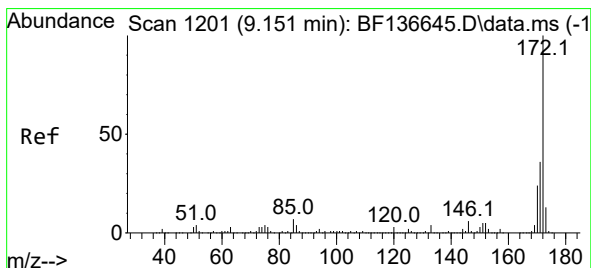
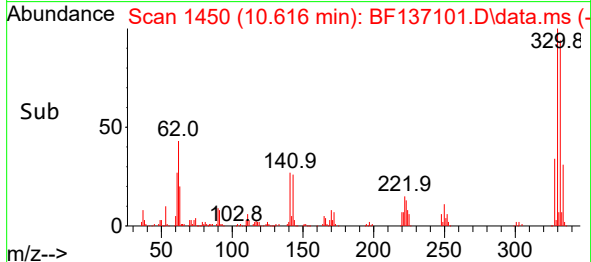
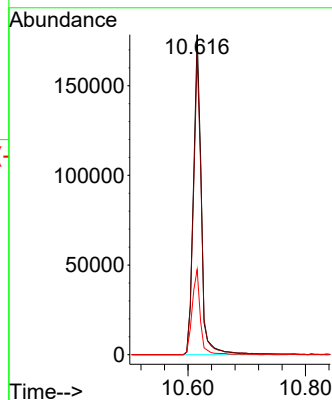
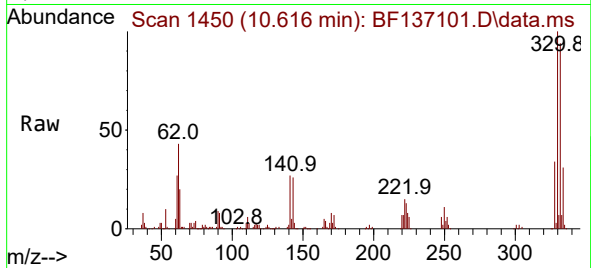




#42
2,4,6-Tribromophenol
Concen: 121.372 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

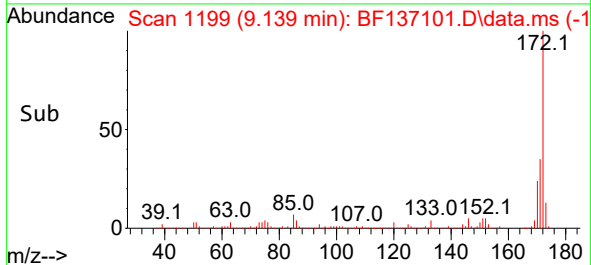
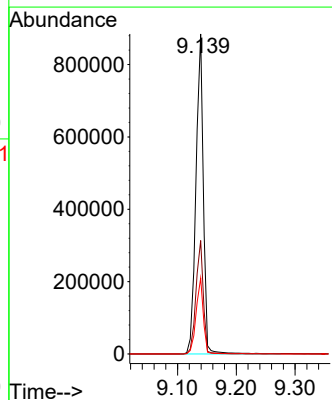
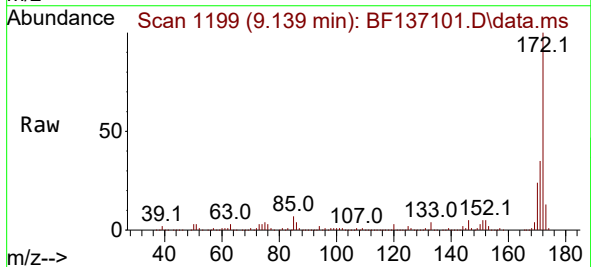
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BNA_F
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MR-309-0-2

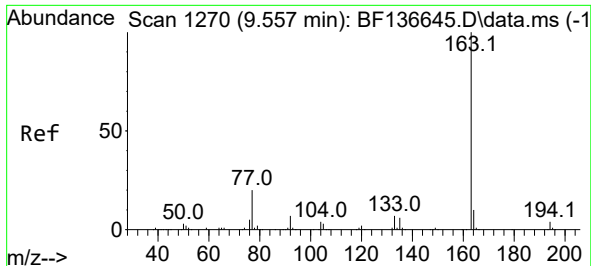
Tgt Ion:330 Resp: 165439
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.0
141 27.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 89.630 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

Tgt Ion:172 Resp: 771282
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.7 19.0 28.4

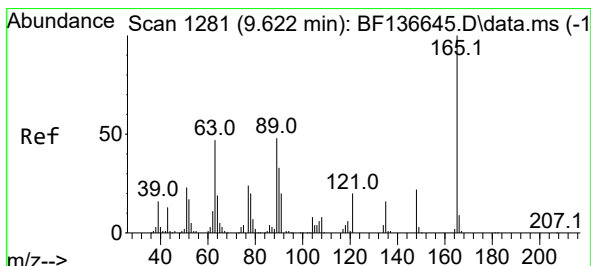
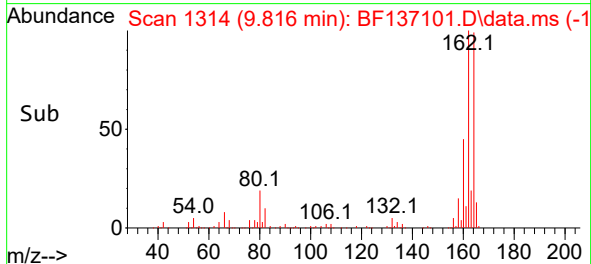
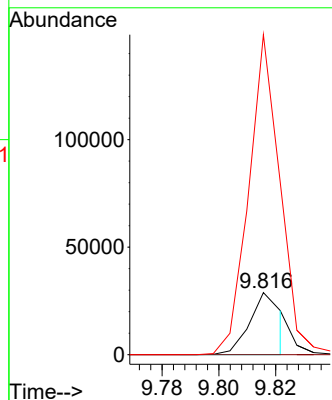
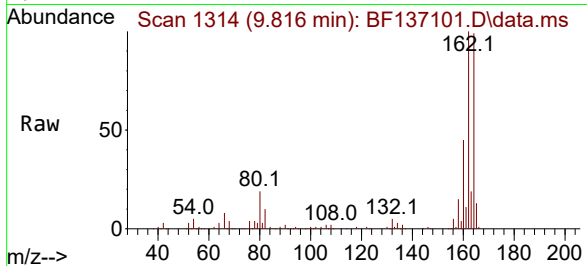




#50
Dimethylphthalate
Concen: 2.635 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

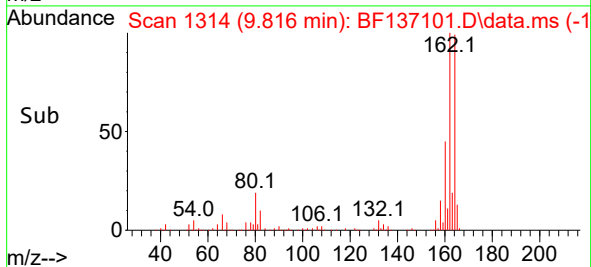
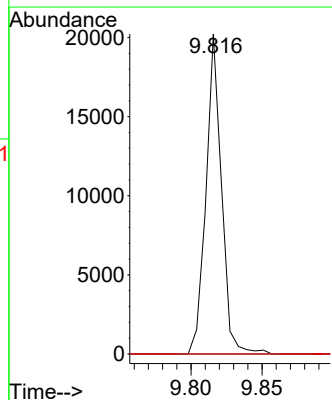
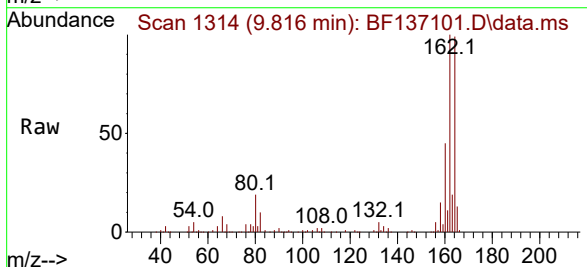
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ClientSampleId :
MR-309-0-2

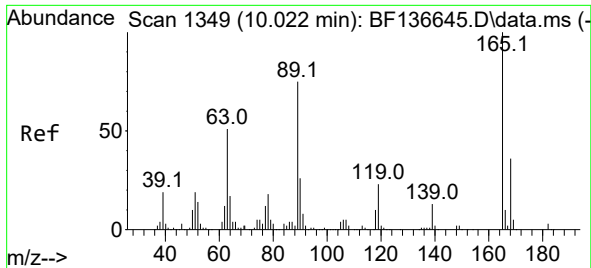
Tgt Ion:163 Resp: 22275
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 516.0 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.039 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

Tgt Ion:165 Resp: 15424
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.0 38.8 58.2#

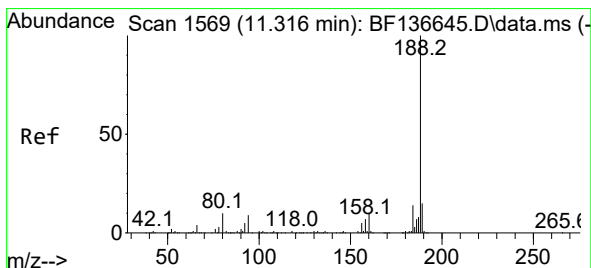
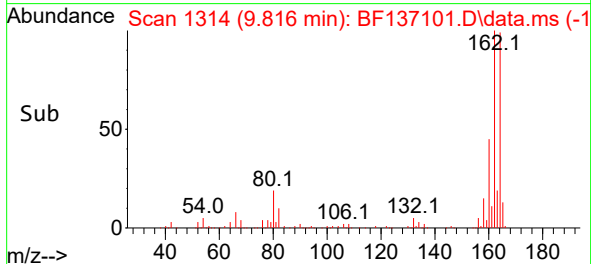
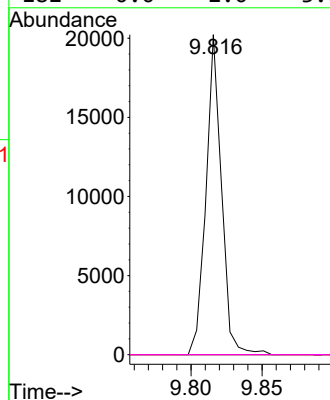
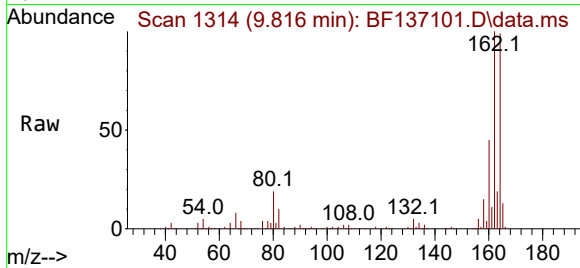




#57
2,4-Dinitrotoluene
Concen: 6.193 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

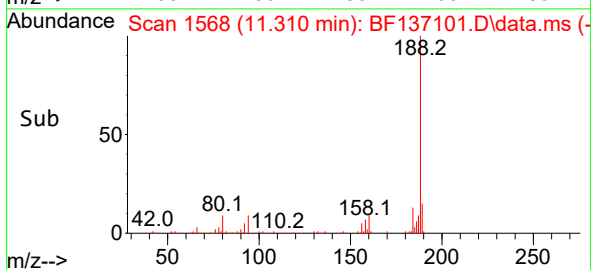
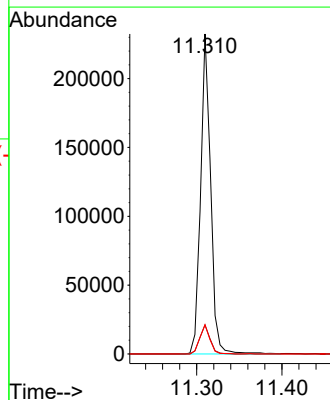
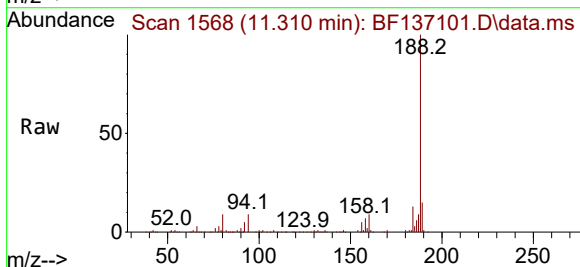
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BNA_F
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MR-309-0-2

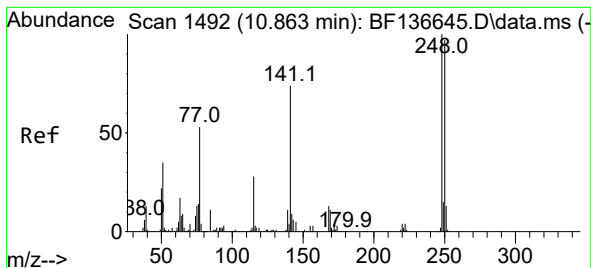
Tgt Ion:165 Resp: 15424
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

Tgt Ion:188 Resp: 190233
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.1 8.1 12.1

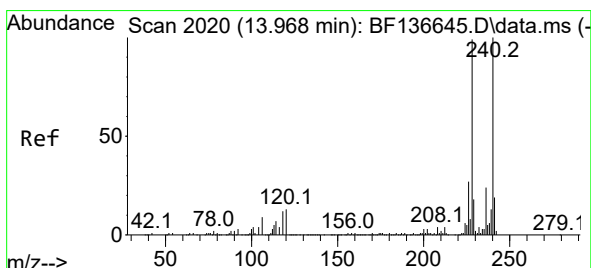
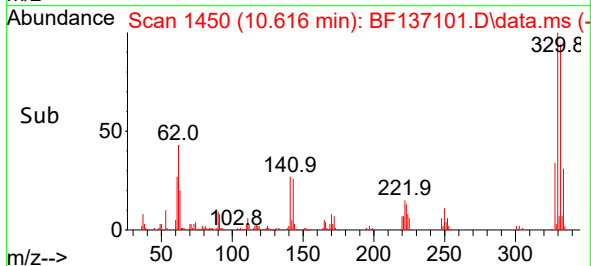
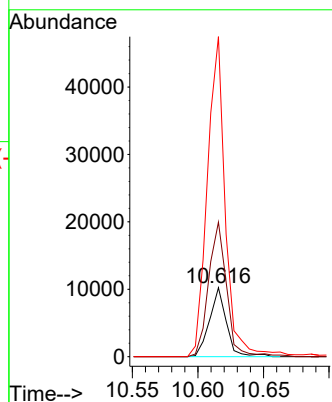
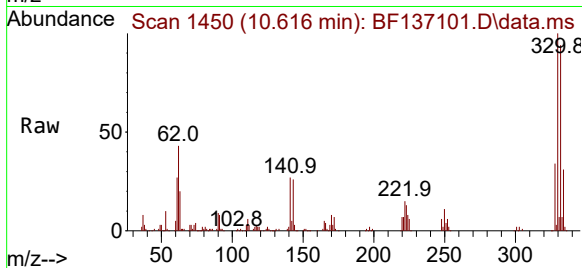




#67
4-Bromophenyl-phenylether
Concen: 4.370 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

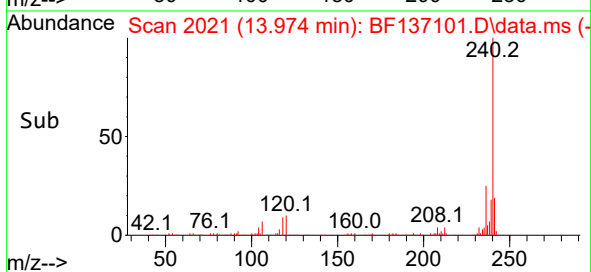
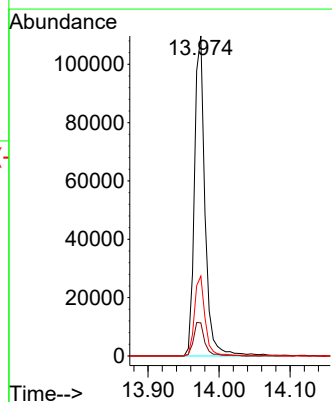
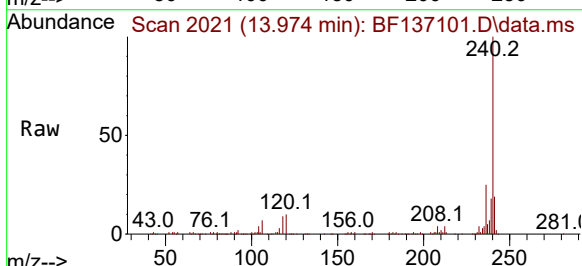
Instrument :
BNA_F
ClientSampleId :
MR-309-0-2

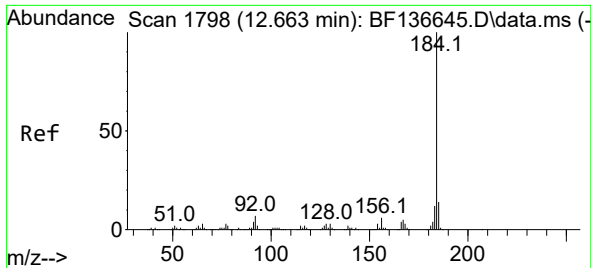
Tgt Ion:248 Resp: 9232
Ion Ratio Lower Upper
248 100
250 195.1 77.8 116.6#
141 464.1 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

Tgt Ion:240 Resp: 114034
Ion Ratio Lower Upper
240 100
120 10.4 10.3 15.5
236 25.0 19.4 29.2

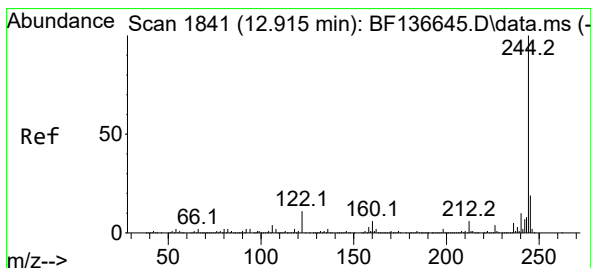
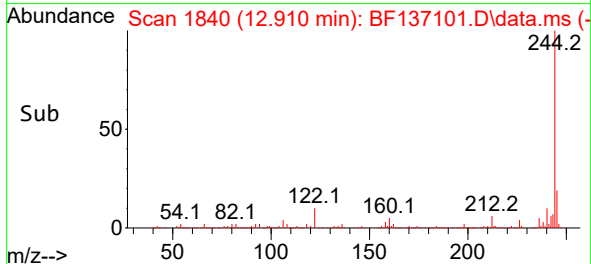
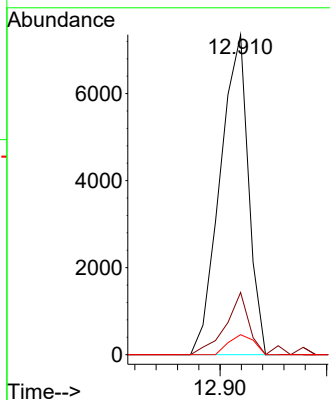
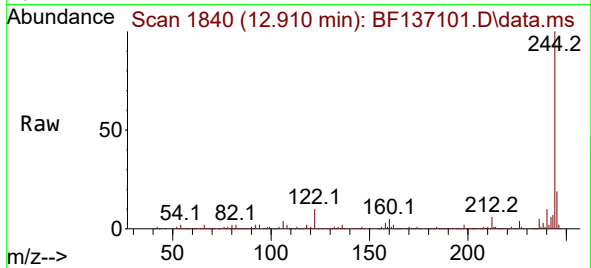




#77
Benzidine
Concen: 2.013 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

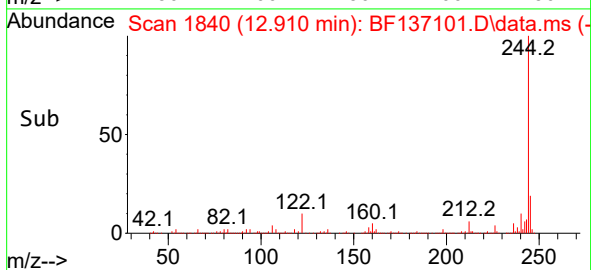
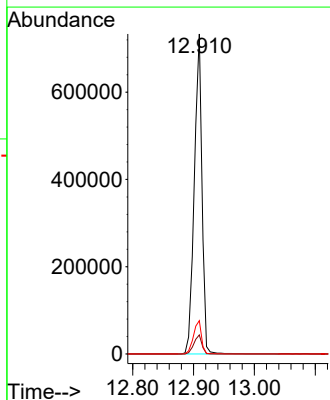
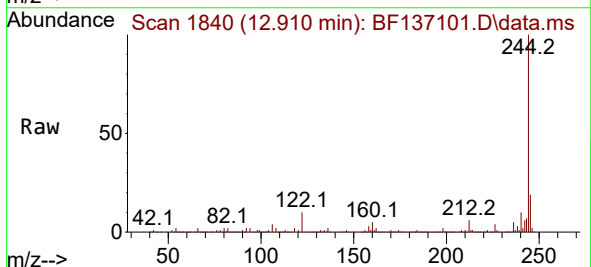
Instrument :
BNA_F
ClientSampleId :
MR-309-0-2

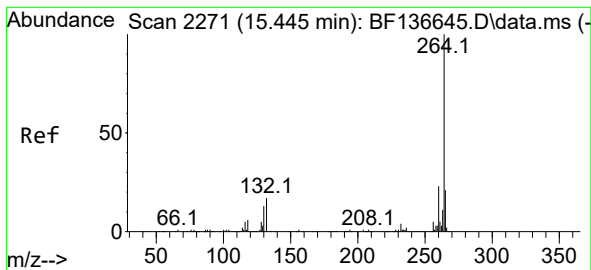
Tgt Ion:184 Resp: 6770
Ion Ratio Lower Upper
184 100
185 19.5 11.2 16.8#
183 6.3 9.3 13.9#



#79
Terphenyl-d14
Concen: 78.918 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF137101.D
Acq: 17 Jan 2024 19:05

Tgt Ion:244 Resp: 643977
Ion Ratio Lower Upper
244 100
212 5.9 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: BF137101.D

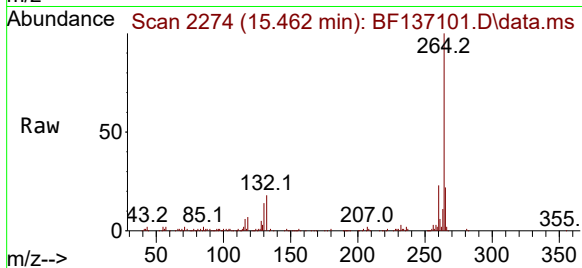
Acq: 17 Jan 2024 19:05

Instrument :

BNA_F

ClientSampleId :

MR-309-0-2



Tgt Ion:264 Resp: 107011

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 22.2 17.0 25.6

