

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021224\
 Data File : BF137364.D
 Acq On : 12 Feb 2024 18:56
 Operator : CG\JU
 Sample : PB158784BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158784BL

Quant Time: Feb 13 03:11:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 13 02:26:13 2024
 Response via : Initial Calibration

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

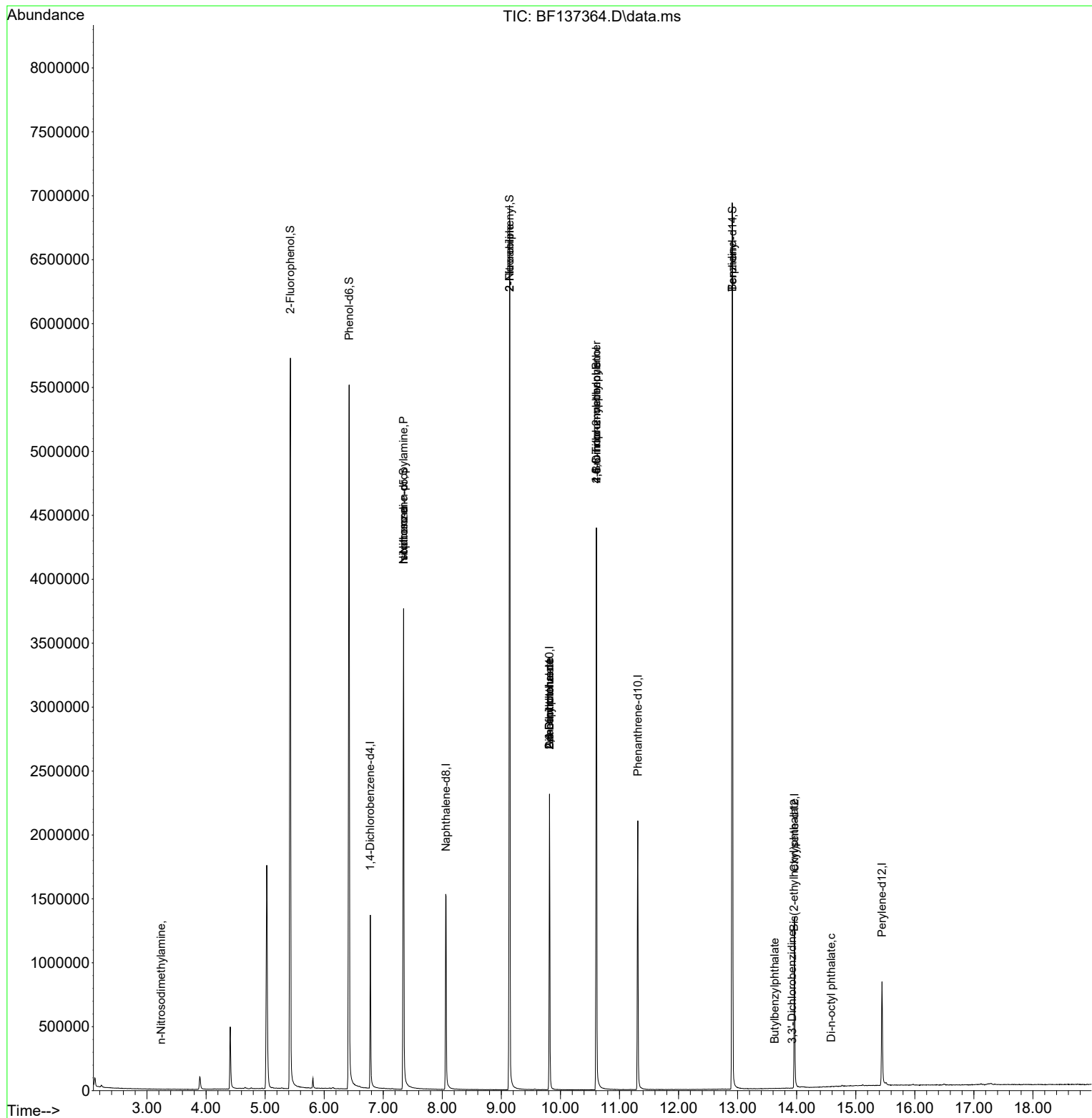
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	196571	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	808755	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	444916	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	780549	20.000	ng	0.00
76) Chrysene-d12	13.963	240	457540	20.000	ng	0.00
86) Perylene-d12	15.445	264	371795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1775458	135.383	ng	0.02
7) Phenol-d6	6.422	99	2385175	130.221	ng	0.00
23) Nitrobenzene-d5	7.345	82	1470411	93.323	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	573257	140.310	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	2512983	83.673	ng	0.00
79) Terphenyl-d14	12.916	244	2861177	89.504	ng	0.00
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.240	42	410	5.074	ng	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	186625	17.870	ng	# 81
25) Isophorone	7.345	82	1469668	44.094	ng	# 68
48) 2-Nitroaniline	9.139	65	4418	4.872	ng	# 1
50) Dimethylphthalate	9.816	163	80882	2.534	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	56494	8.848	ng	# 22
57) 2,4-Dinitrotoluene	9.816	165	56494	7.511	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.610	198	1432	6.015	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	35895	4.089	ng	# 1
77) Benzidine	12.910	184	32362	22.447	ng	# 95
80) Butylbenzylphthalate	13.627	149	79	4.703	ng	# 20
82) 3,3'-Dichlorobenzidine	13.921	252	253	9.107	ng	# 27
84) Bis(2-ethylhexyl)phtha...	13.957	149	152	4.249	ng	# 53
85) Di-n-octyl phthalate	14.586	149	302	4.609	ng	# 1

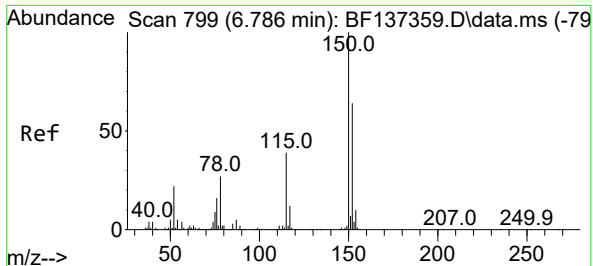
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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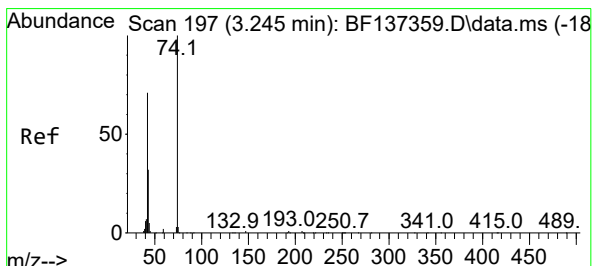
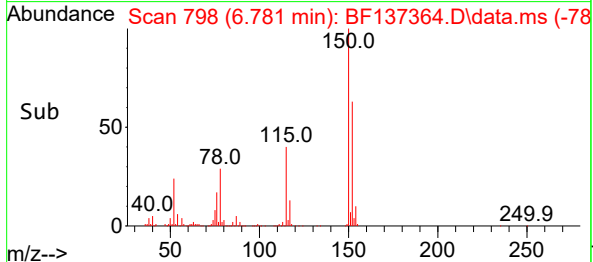
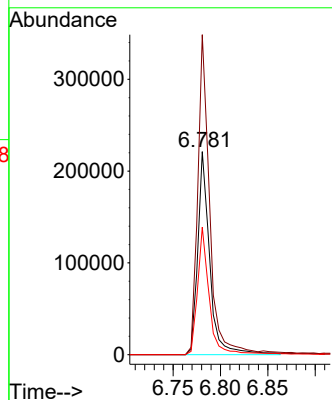
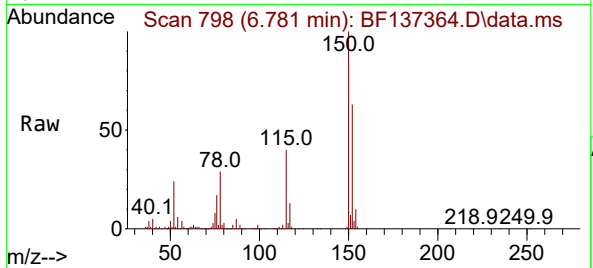




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

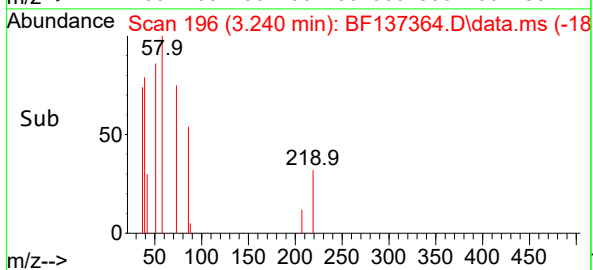
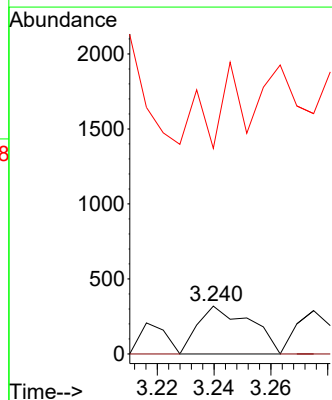
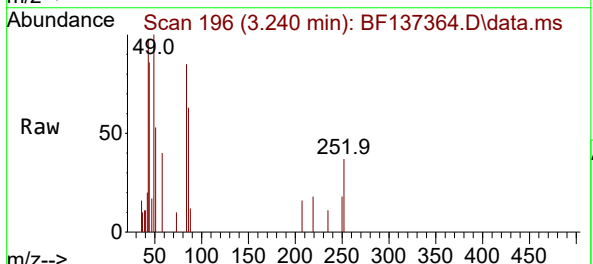
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BNA_F
ClientSampleId :
PB158784BL

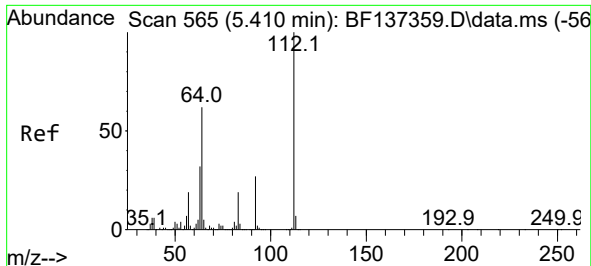
Tgt Ion:152 Resp: 196571
Ion Ratio Lower Upper
152 100
150 157.6 125.5 188.3
115 62.8 48.5 72.7



#4
n-Nitrosodimethylamine
Concen: 5.074 ng
RT: 3.240 min Scan# 196
Delta R.T. -0.005 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

Tgt Ion: 42 Resp: 410
Ion Ratio Lower Upper
42 100
74 0.0 113.4 170.0#
44 429.8 6.8 10.2#

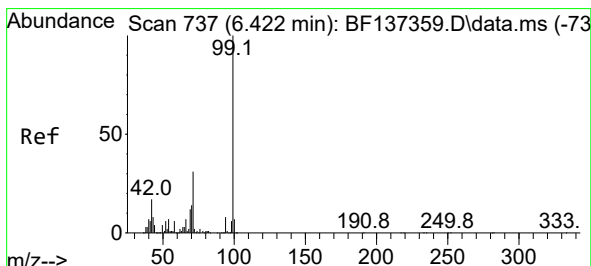
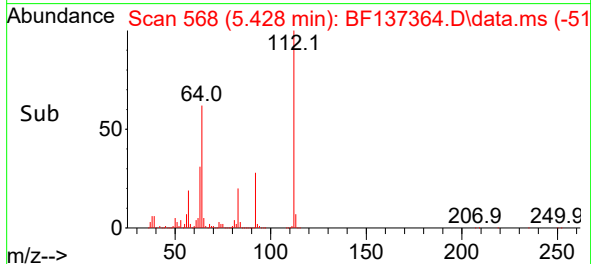
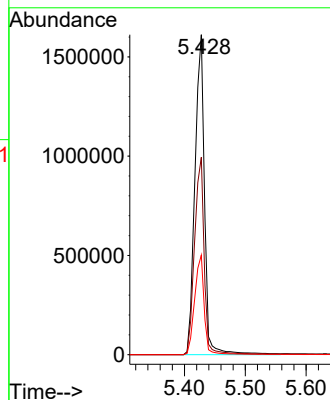
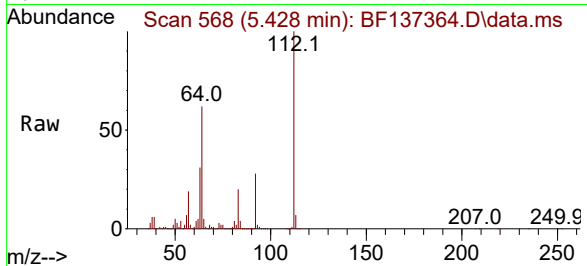




#5
2-Fluorophenol
Concen: 135.383 ng
RT: 5.428 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

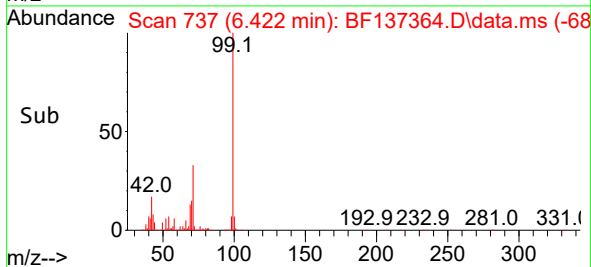
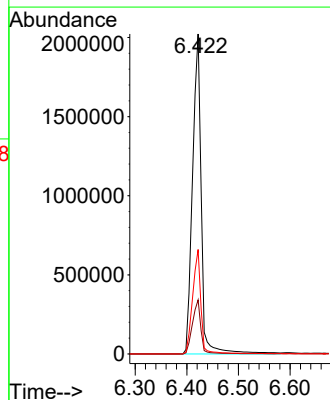
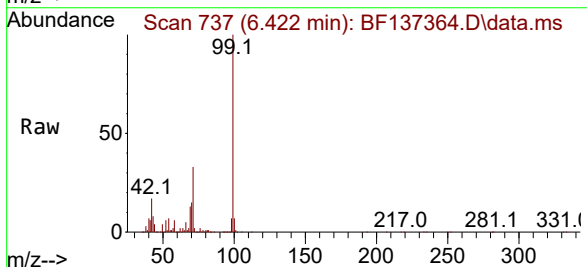
Instrument :
BNA_F
ClientSampleId :
PB158784BL

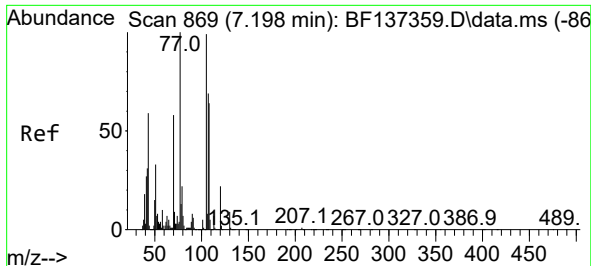
Tgt Ion:112 Resp: 1775458
Ion Ratio Lower Upper
112 100
64 61.7 49.9 74.9
63 31.1 25.3 37.9



#7
Phenol-d6
Concen: 130.221 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

Tgt Ion: 99 Resp: 2385175
Ion Ratio Lower Upper
99 100
42 16.9 13.5 20.3
71 32.7 25.0 37.6

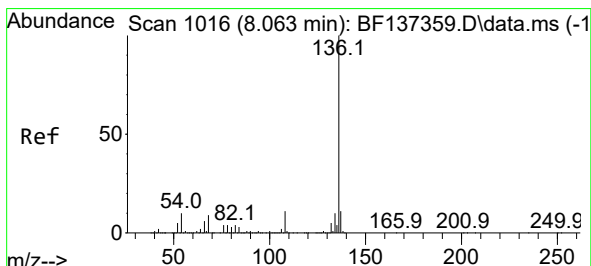
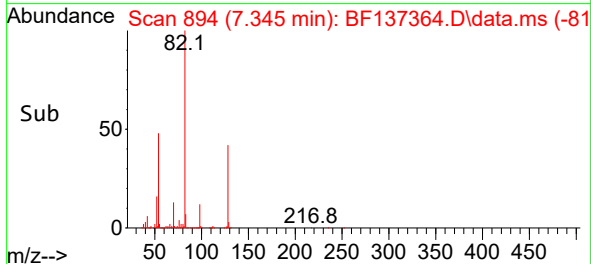
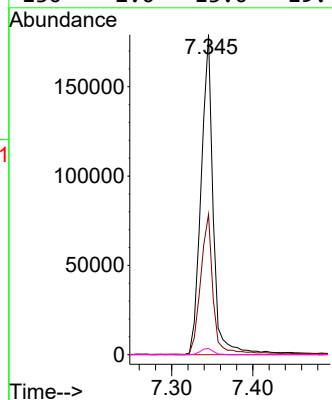
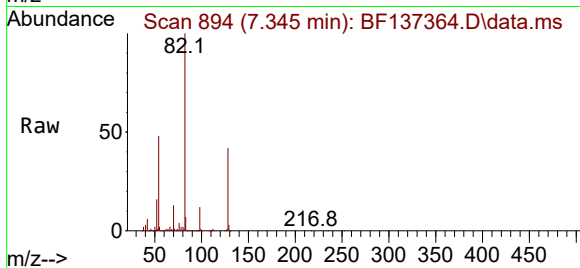




#19
n-Nitroso-di-n-propylamine
Concen: 17.870 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.147 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

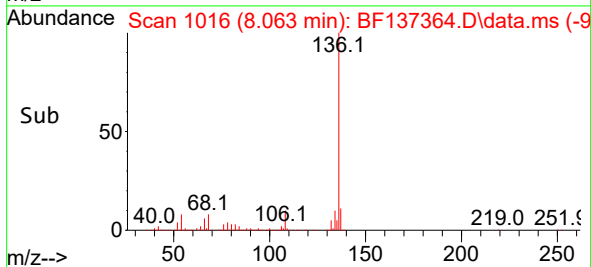
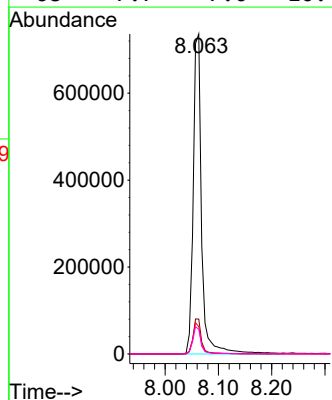
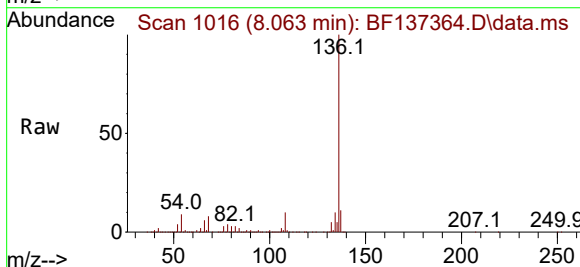
Instrument :
BNA_F
ClientSampleId :
PB158784BL

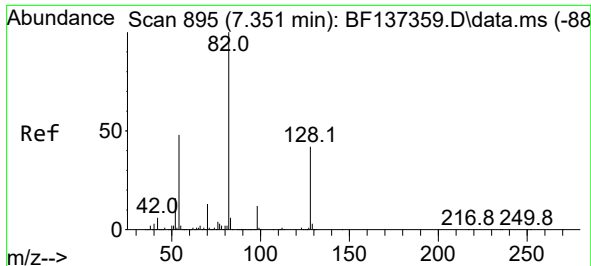
Tgt Ion: 70 Resp: 186625
Ion Ratio Lower Upper
70 100
42 43.9 43.4 65.0
101 0.0 6.4 9.6#
130 2.0 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

Tgt Ion: 136 Resp: 808755
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 7.9 11.9
68 7.7 7.0 10.4





#23

Nitrobenzene-d5

Concen: 93.323 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF137364.D

Acq: 12 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

PB158784BL

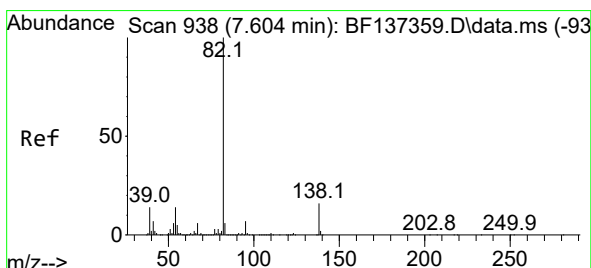
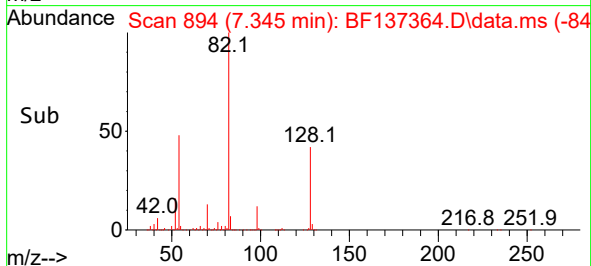
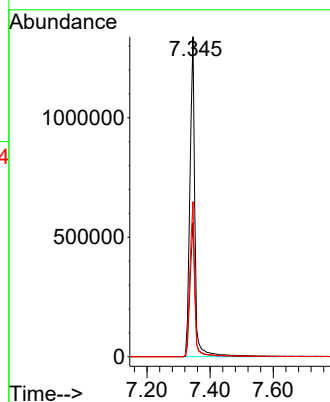
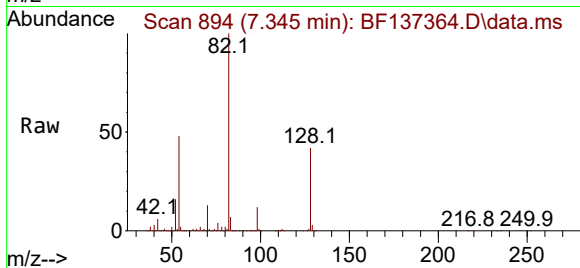
Tgt Ion: 82 Resp: 1470411

Ion Ratio Lower Upper

82 100

128 42.0 33.8 50.8

54 48.4 38.8 58.2



#25

Isophorone

Concen: 44.094 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.259 min

Lab File: BF137364.D

Acq: 12 Feb 2024 18:56

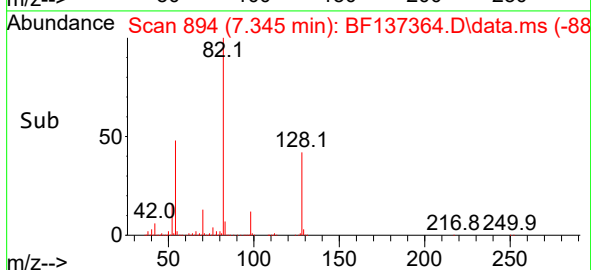
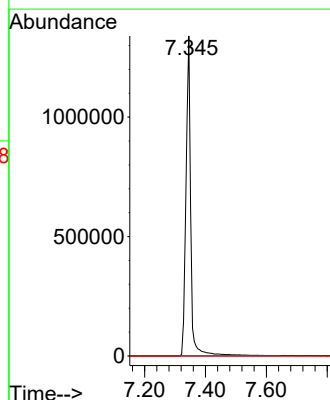
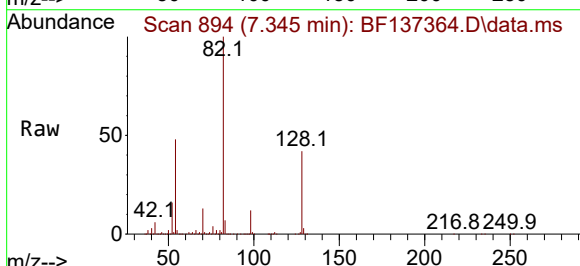
Tgt Ion: 82 Resp: 1469668

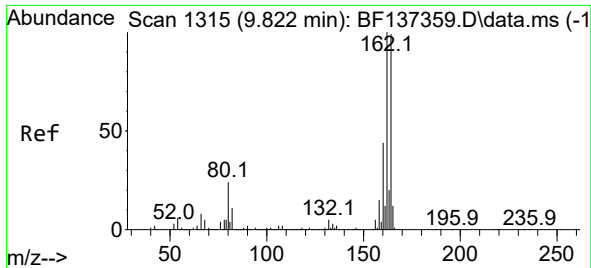
Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 12.5 18.7#

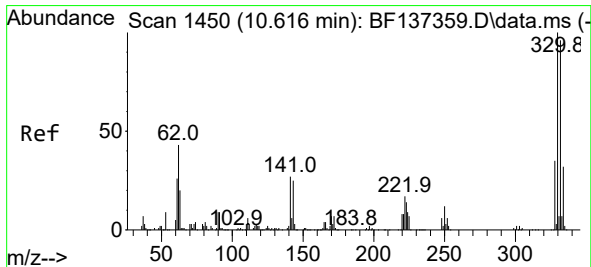
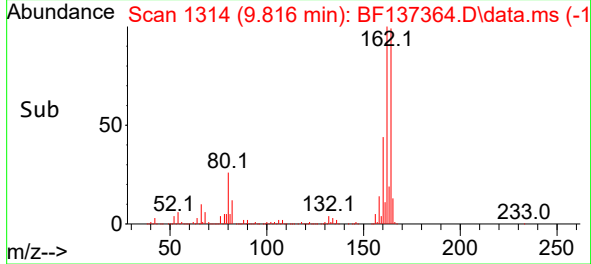
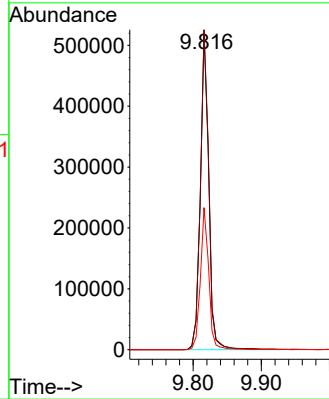
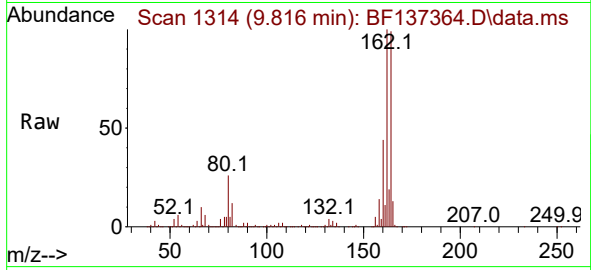




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

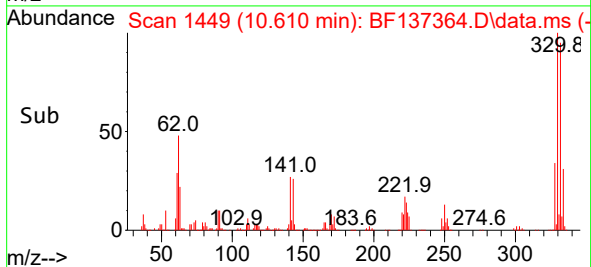
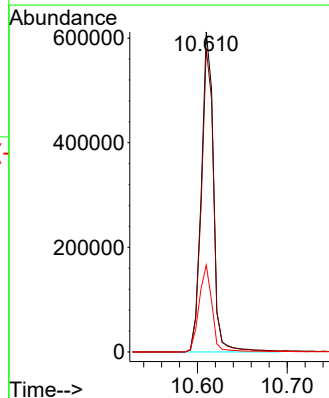
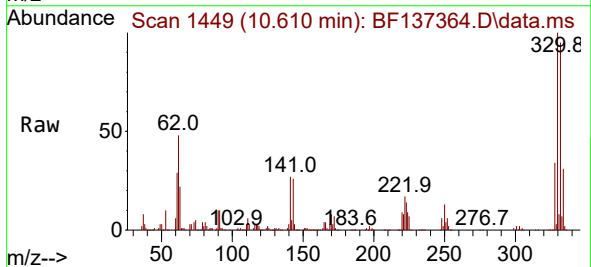
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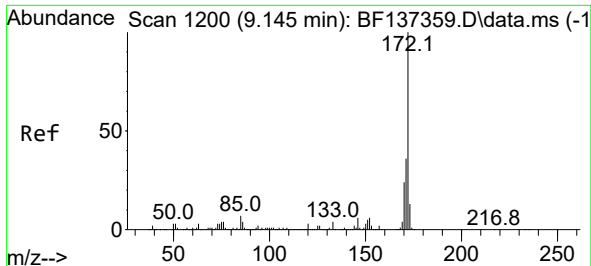
Tgt Ion:164 Resp: 444916
Ion Ratio Lower Upper
164 100
162 101.0 80.5 120.7
160 44.9 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 140.310 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

Tgt Ion:330 Resp: 573257
Ion Ratio Lower Upper
330 100
332 96.6 77.7 116.5
141 29.4 27.4 41.0

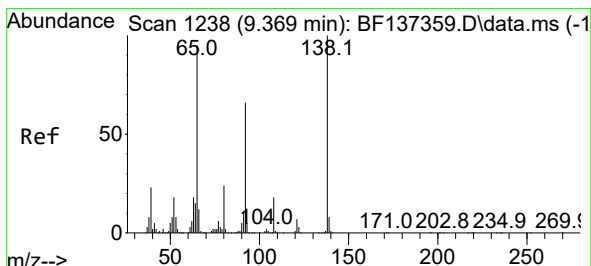
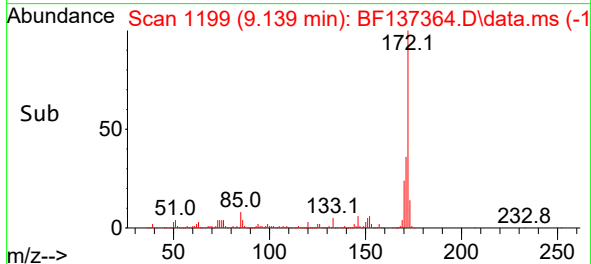
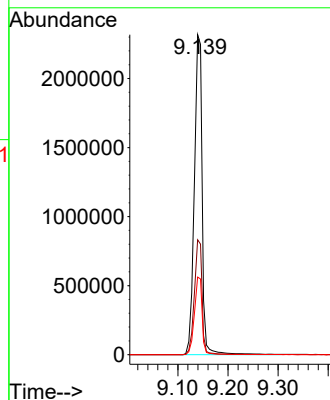
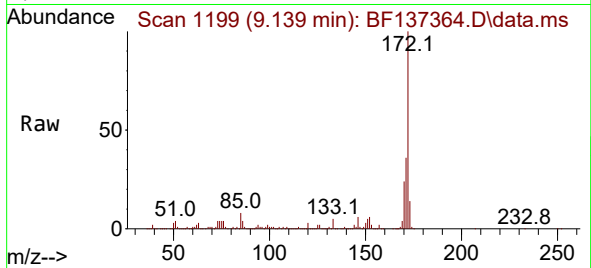




#45
2-Fluorobiphenyl
Concen: 83.673 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

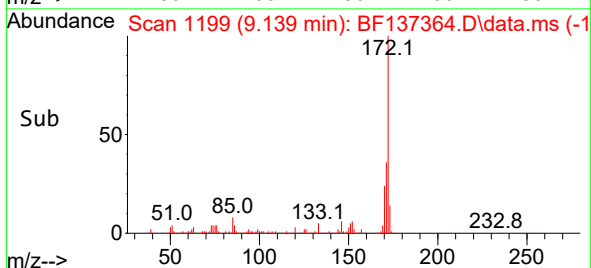
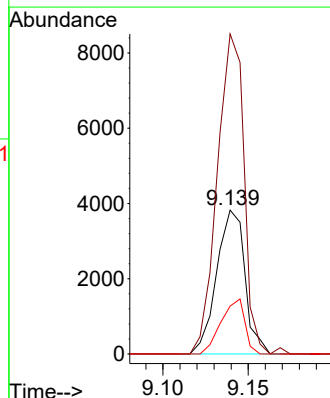
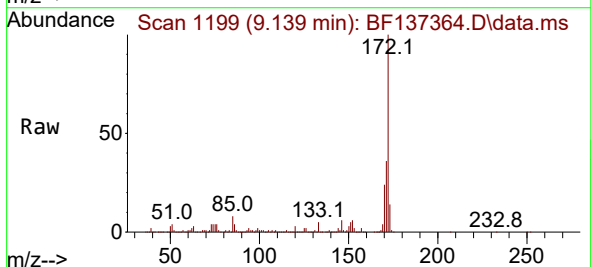
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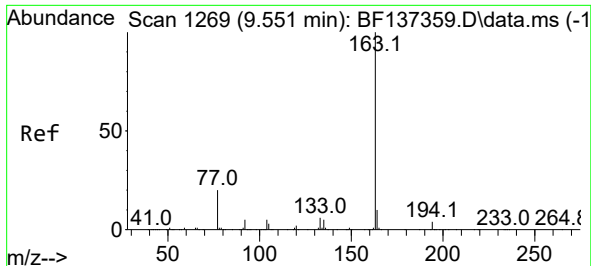
Tgt Ion:172 Resp: 2512983
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.3 19.6 29.4



#48
2-Nitroaniline
Concen: 4.872 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.230 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

Tgt Ion: 65 Resp: 4418
Ion Ratio Lower Upper
65 100
92 222.4 55.6 83.4#
138 33.2 84.3 126.5#

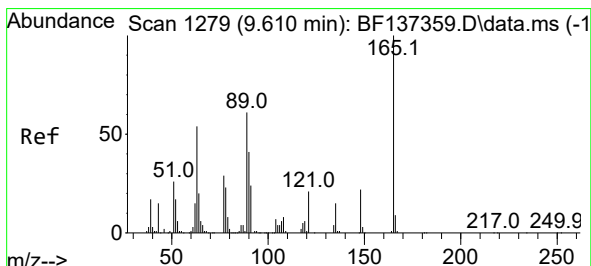
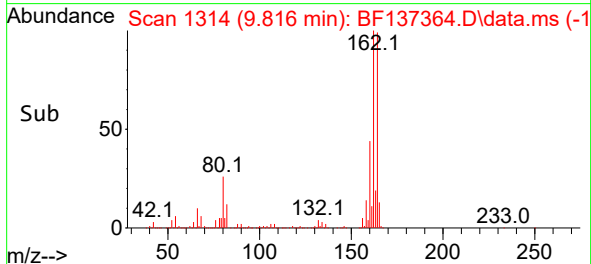
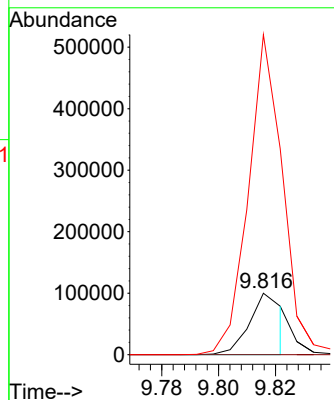
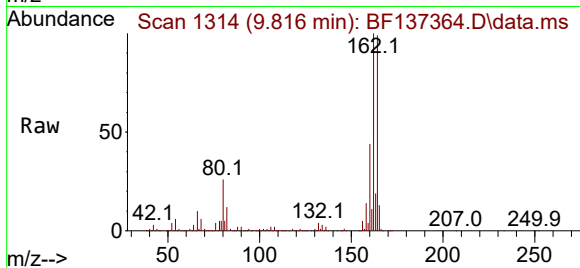




#50
Dimethylphthalate
Concen: 2.534 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.265 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

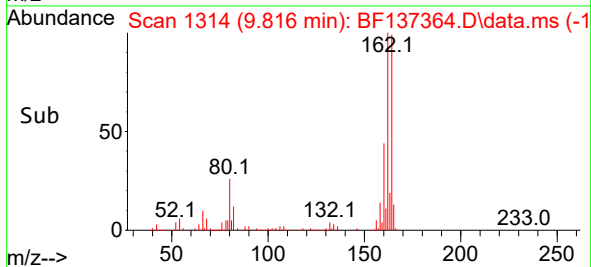
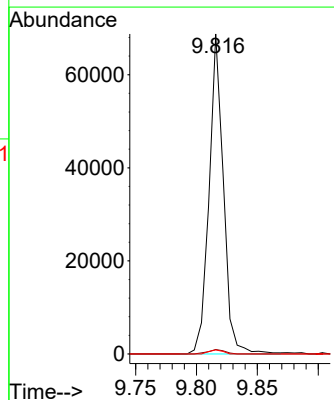
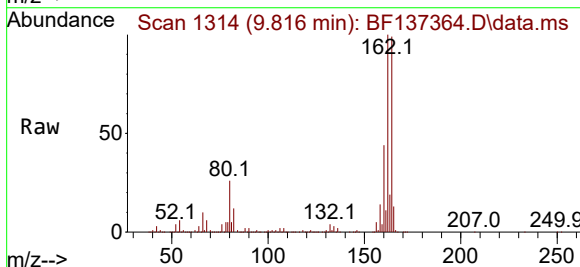
Instrument :
BNA_F
ClientSampleId :
PB158784BL

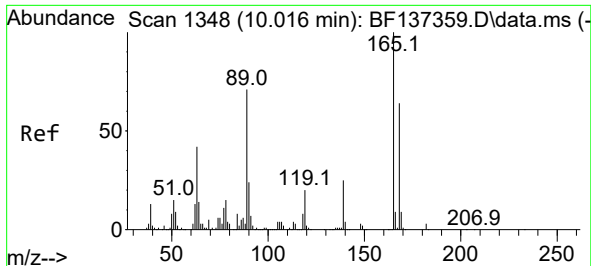
Tgt Ion:163 Resp: 80882
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 521.2 7.8 11.8#



#51
2,6-Dinitrotoluene
Concen: 8.848 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.206 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

Tgt Ion:165 Resp: 56494
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 1.2 49.0 73.4#

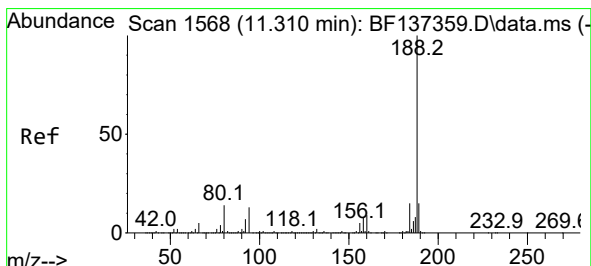
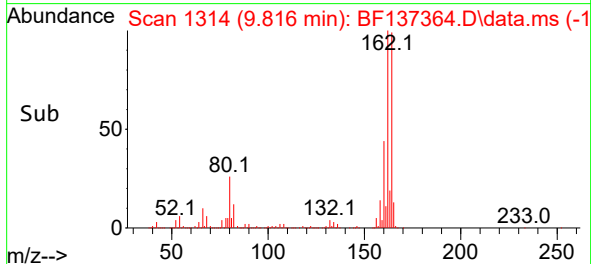
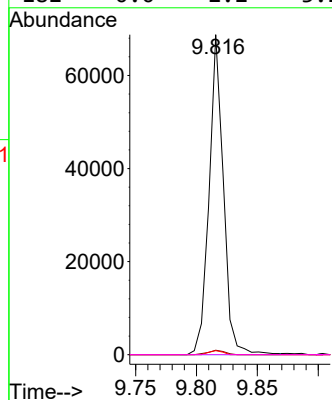
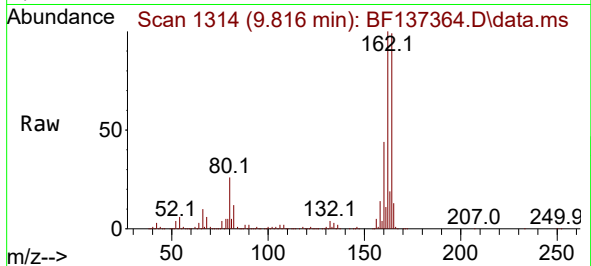




#57
2,4-Dinitrotoluene
Concen: 7.511 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

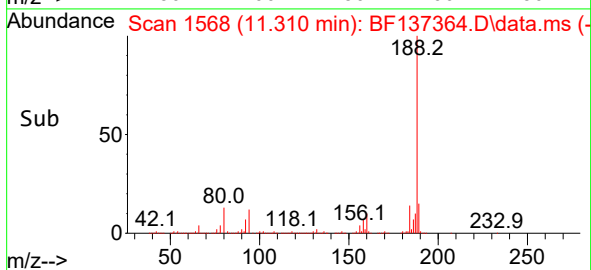
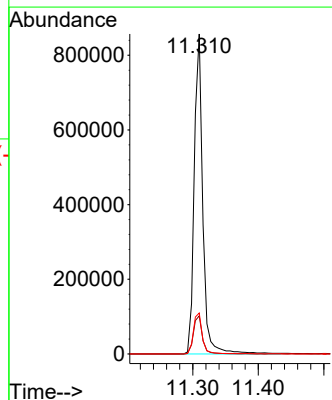
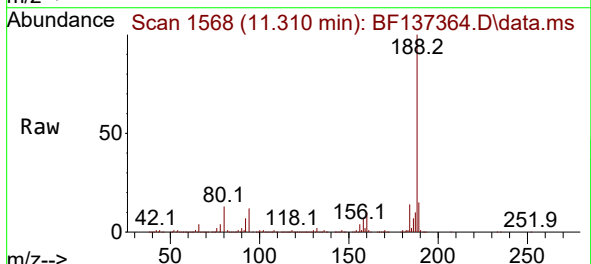
Instrument :
BNA_F
ClientSampleId :
PB158784BL

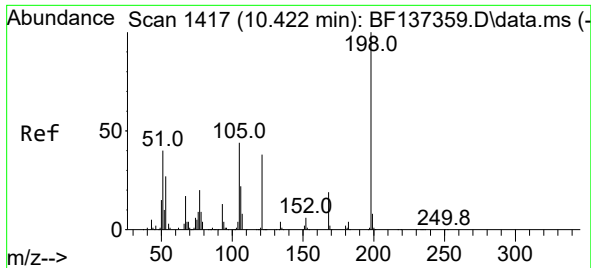
Tgt Ion:165 Resp: 56494
Ion Ratio Lower Upper
165 100
63 1.4 34.2 51.2#
89 1.2 56.6 85.0#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

Tgt Ion:188 Resp: 780549
Ion Ratio Lower Upper
188 100
94 11.9 10.6 16.0
80 12.8 11.4 17.2

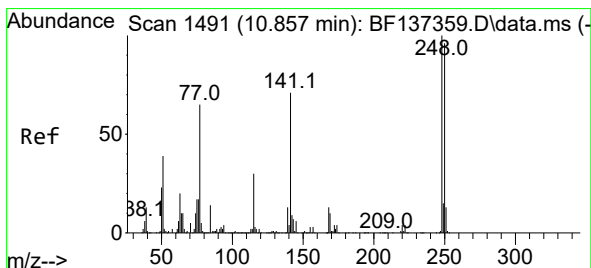
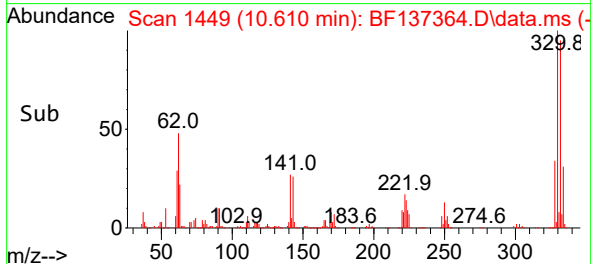
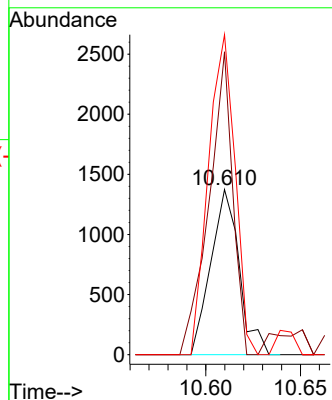
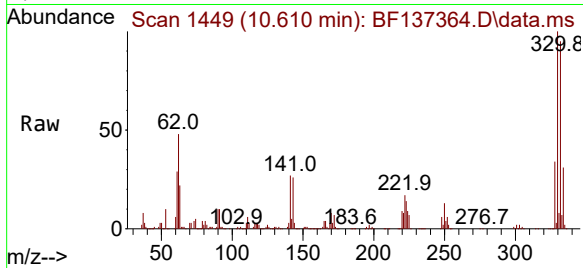




#65
4,6-Dinitro-2-methylphenol
Concen: 6.015 ng
RT: 10.610 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

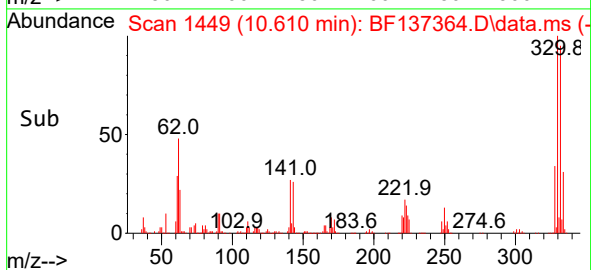
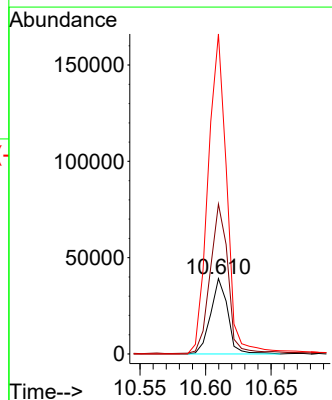
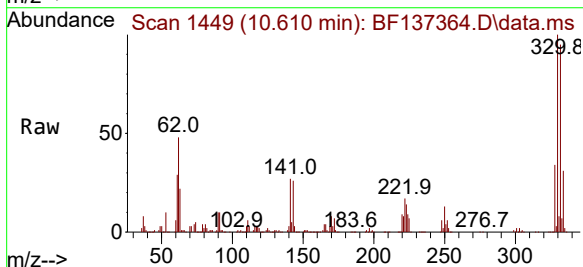
Instrument :
BNA_F
ClientSampleId :
PB158784BL

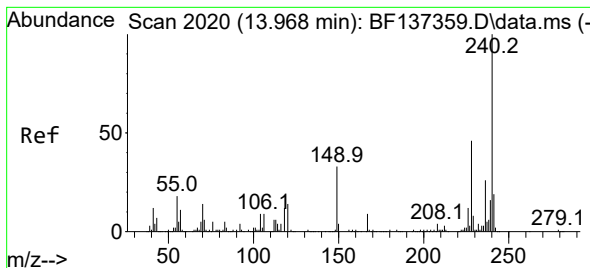
Tgt Ion:198 Resp: 1432
Ion Ratio Lower Upper
198 100
51 183.5 25.2 65.2#
105 193.9 25.0 65.0#



#67
4-Bromophenyl-phenylether
Concen: 4.089 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

Tgt Ion:248 Resp: 35895
Ion Ratio Lower Upper
248 100
250 198.8 76.7 115.1#
141 424.3 57.1 85.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137364.D

Acq: 12 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

PB158784BL

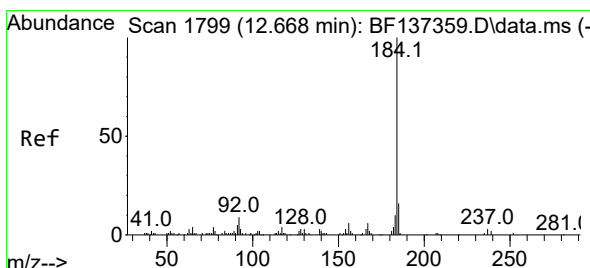
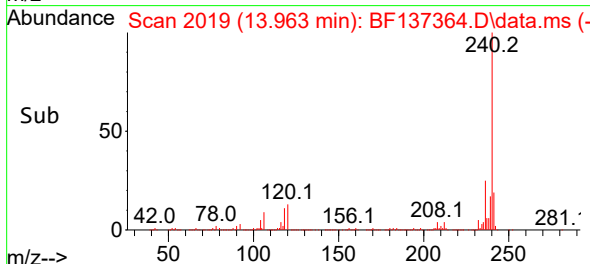
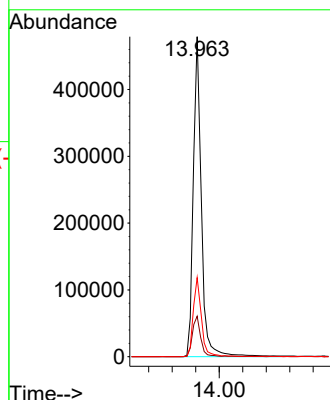
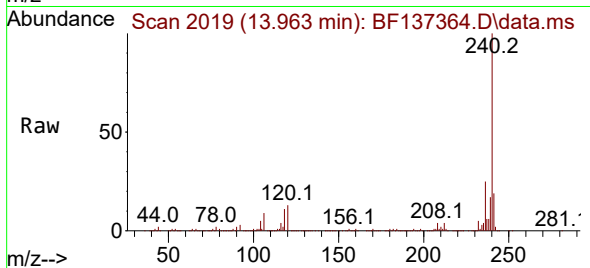
Tgt Ion:240 Resp: 457540

Ion Ratio Lower Upper

240 100

120 12.7 10.9 16.3

236 24.7 20.8 31.2



#77

Benzidine

Concen: 22.447 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.241 min

Lab File: BF137364.D

Acq: 12 Feb 2024 18:56

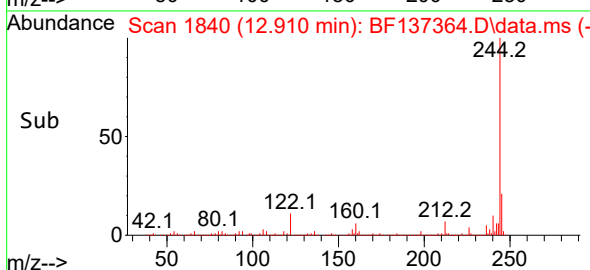
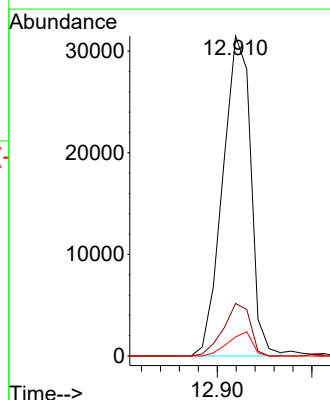
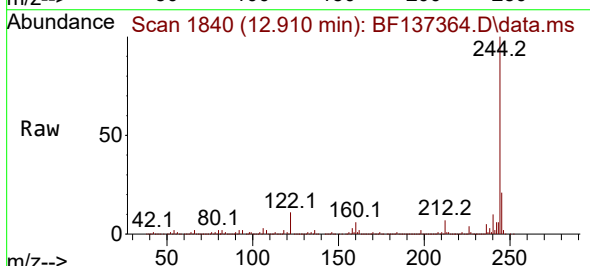
Tgt Ion:184 Resp: 32362

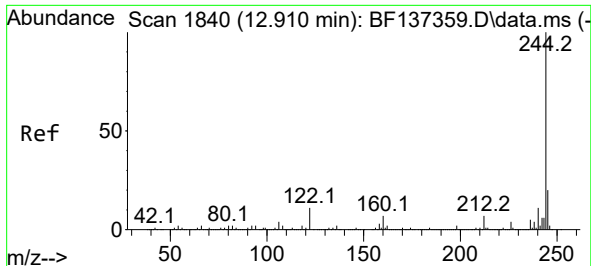
Ion Ratio Lower Upper

184 100

185 16.4 13.1 19.7

183 6.0 8.3 12.5#

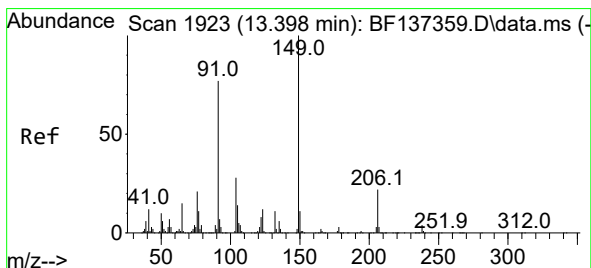
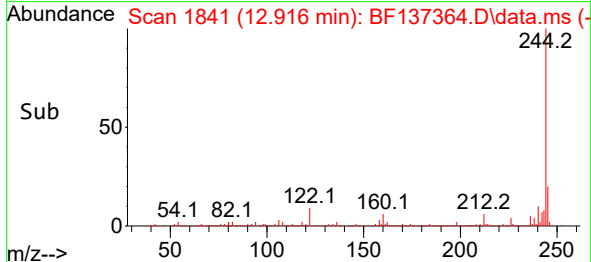
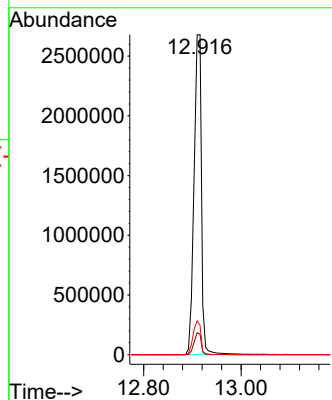
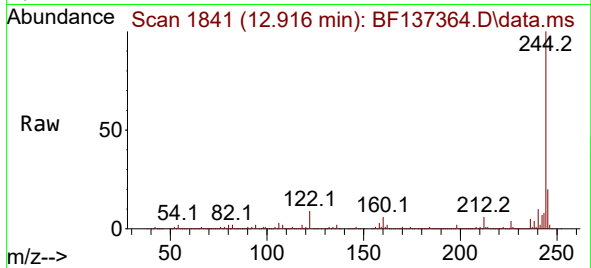




#79
 Terphenyl-d14
 Concen: 89.504 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. 0.006 min
 Lab File: BF137364.D
 Acq: 12 Feb 2024 18:56

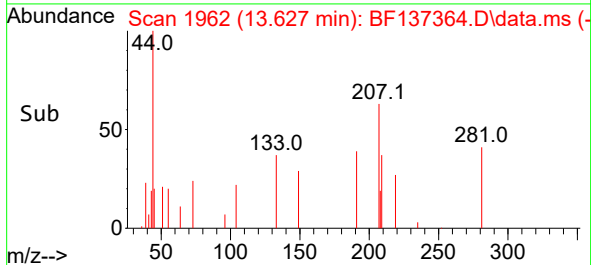
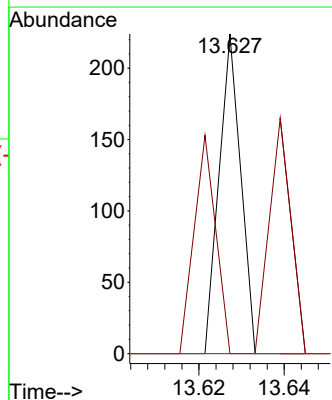
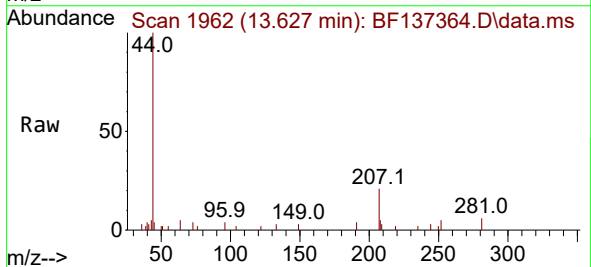
Instrument :
 BNA_F
 ClientSampleId :
 PB158784BL

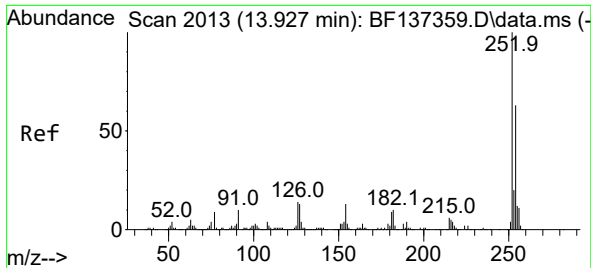
Tgt Ion:244 Resp: 2861177
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 9.1 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 4.703 ng
 RT: 13.627 min Scan# 1962
 Delta R.T. 0.229 min
 Lab File: BF137364.D
 Acq: 12 Feb 2024 18:56

Tgt Ion:149 Resp: 79
 Ion Ratio Lower Upper
 149 100
 91 0.0 62.0 93.0#
 206 0.0 17.8 26.8#

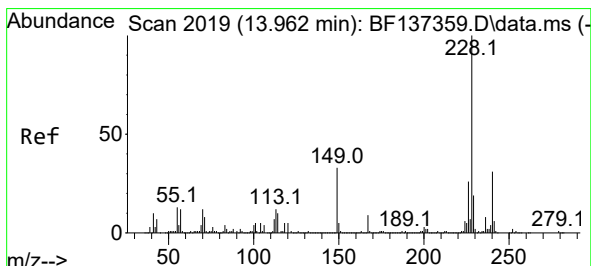
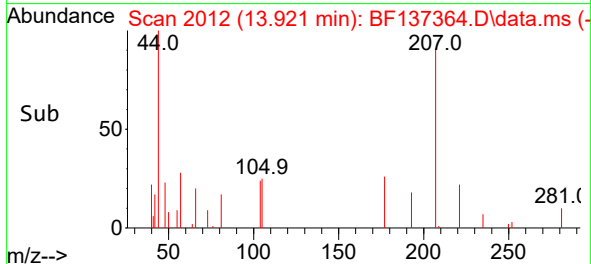
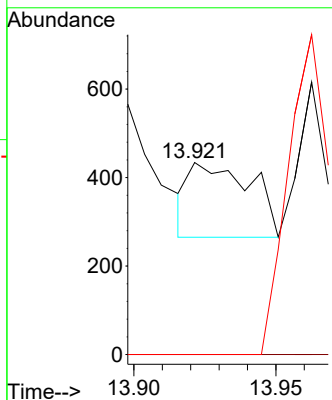
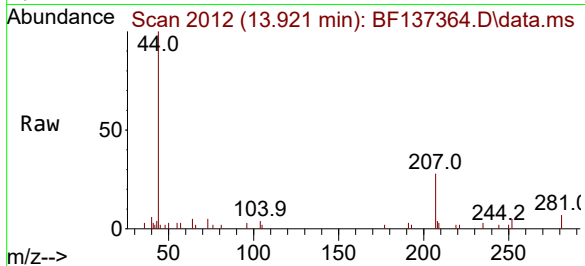




#82
3,3'-Dichlorobenzidine
Concen: 9.107 ng
RT: 13.921 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

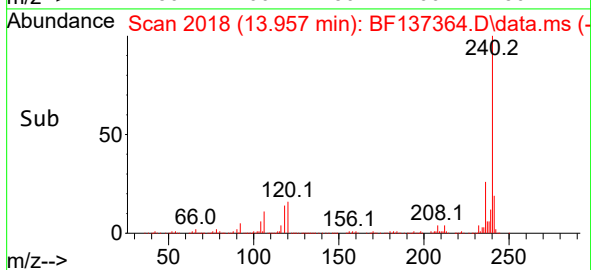
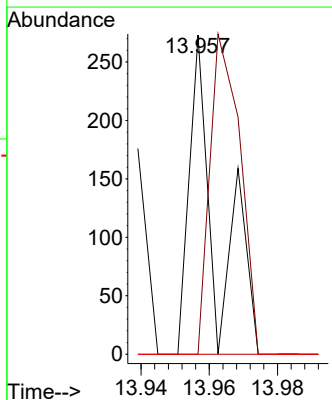
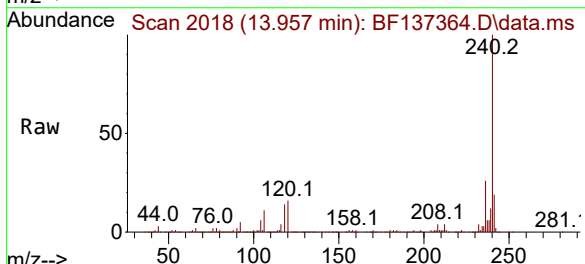
Instrument :
BNA_F
ClientSampleId :
PB158784BL

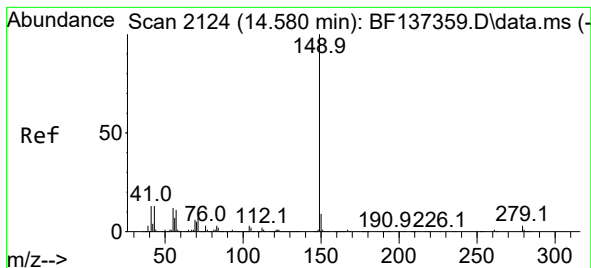
Tgt Ion:252 Resp: 253
Ion Ratio Lower Upper
252 100
254 0.0 50.2 75.2#
126 0.0 11.0 16.4#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.249 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

Tgt Ion:149 Resp: 152
Ion Ratio Lower Upper
149 100
167 0.0 21.2 31.8#
279 0.0 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 4.609 ng

RT: 14.586 min Scan# 2124

Delta R.T. 0.006 min

Lab File: BF137364.D

Acq: 12 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

PB158784BL

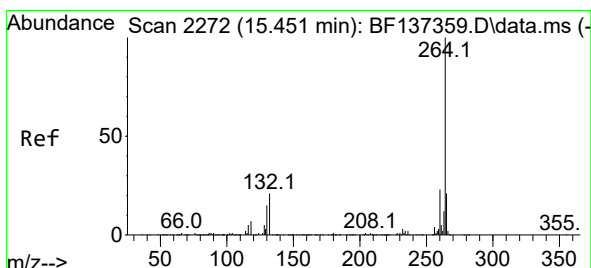
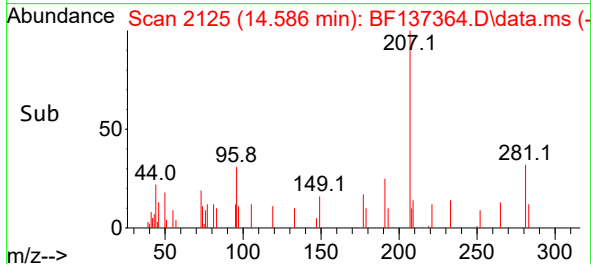
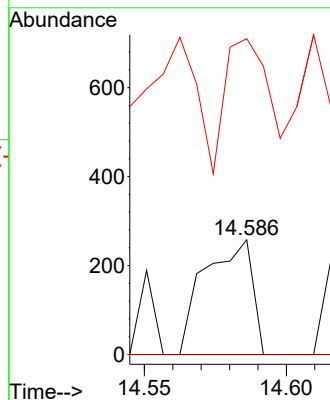
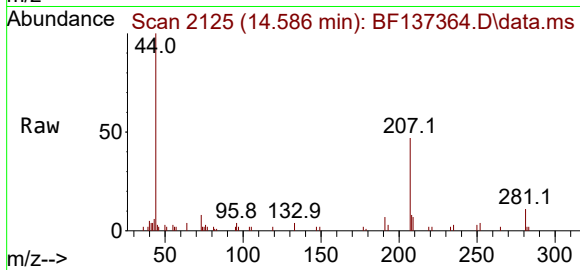
Tgt Ion:149 Resp: 302

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 106.6 13.8 20.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.006 min

Lab File: BF137364.D

Acq: 12 Feb 2024 18:56

Tgt Ion:264 Resp: 371795

Ion Ratio Lower Upper

264 100

260 24.7 18.7 28.1

265 21.8 16.9 25.3

