

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137554.D
 Acq On : 11 Mar 2024 13:41
 Operator : CG\JU
 Sample : PB159519BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159519BL

Quant Time: Mar 12 02:02:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

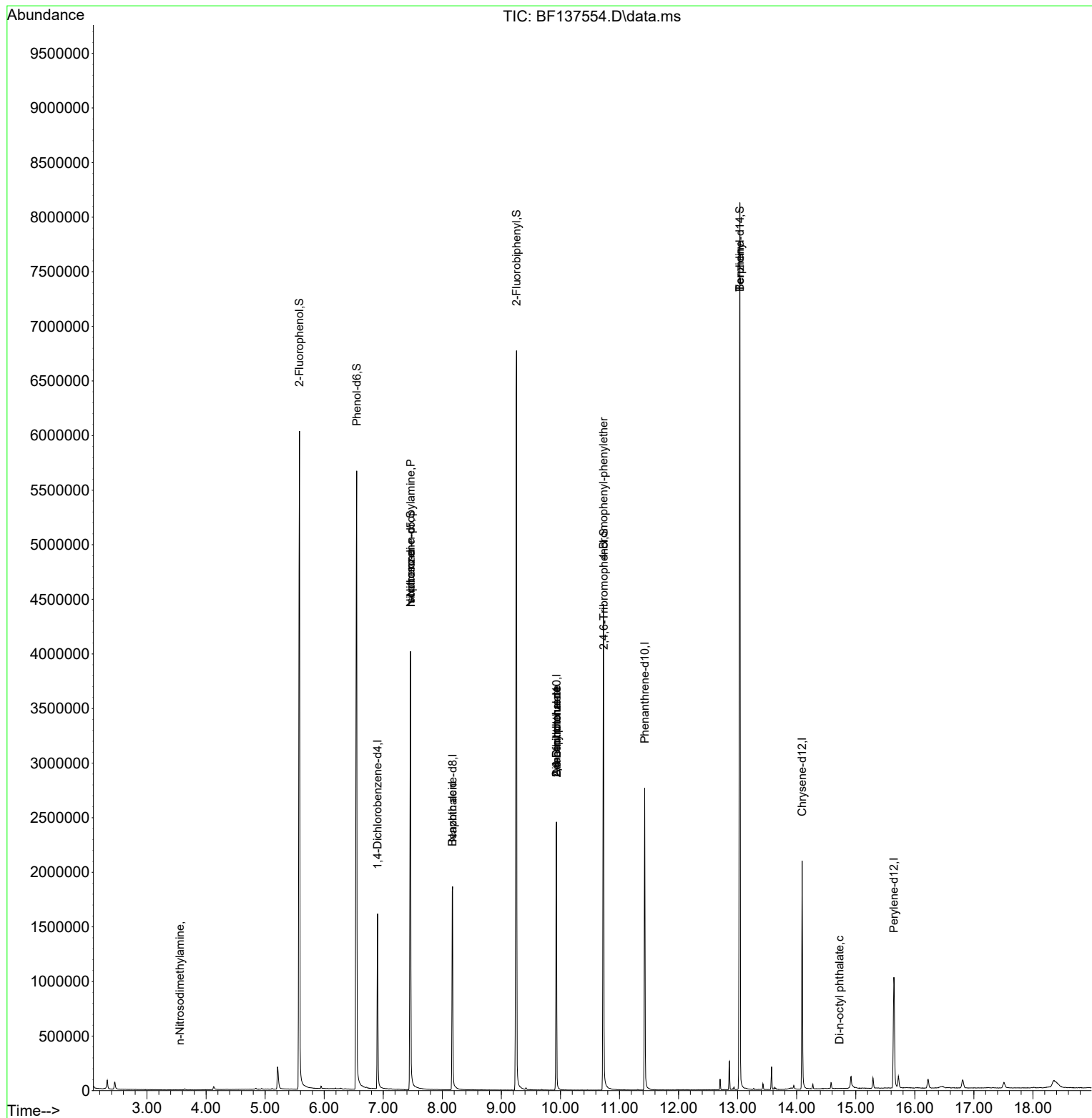
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	245409	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	980911	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	545271	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1019666	20.000	ng	0.00
76) Chrysene-d12	14.092	240	695489	20.000	ng	0.00
86) Perylene-d12	15.645	264	542743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1841677	113.659	ng	0.01
7) Phenol-d6	6.551	99	2489901	106.455	ng	0.00
23) Nitrobenzene-d5	7.463	82	1599775	75.779	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	634356	132.477	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2607840	74.866	ng	0.00
79) Terphenyl-d14	13.039	244	3298912	65.225	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.557	42	326	3.843	ng	# 1
19) n-Nitroso-di-n-propyla...	7.463	70	207417	14.361	ng	# 78
25) Isophorone	7.463	82	1595787	39.788	ng	# 69
32) Benzoic acid	8.169	122	170	6.315	ng	# 1
50) Dimethylphthalate	9.933	163	109514	2.885	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	68945	8.684	ng	# 20
57) 2,4-Dinitrotoluene	9.933	165	68945	7.069	ng	# 21
67) 4-Bromophenyl-phenylether	10.727	248	40626	3.658	ng	# 1
77) Benzidine	13.039	184	37506	2.204	ng	# 94
85) Di-n-octyl phthalate	14.727	149	668	5.621	ng	# 72

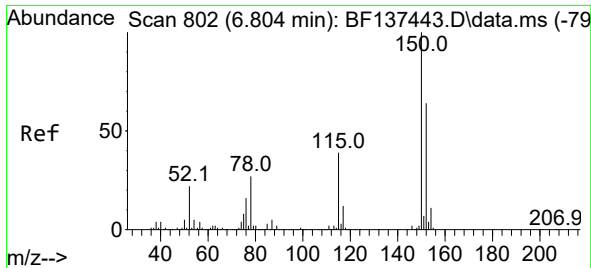
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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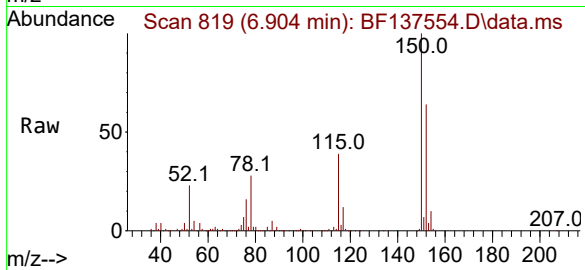
Quant Time: Mar 12 02:02:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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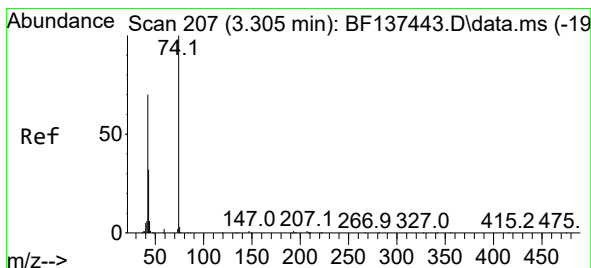
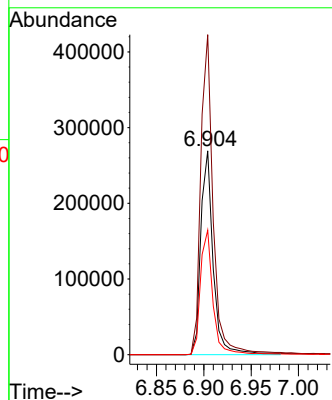
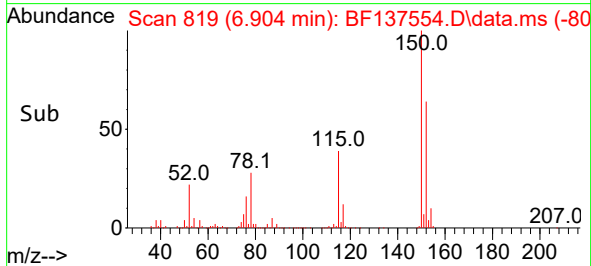


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

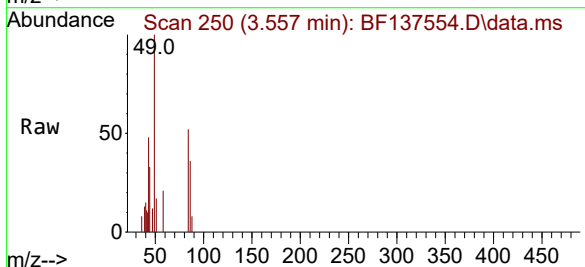
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BNA_F
ClientSampleId :
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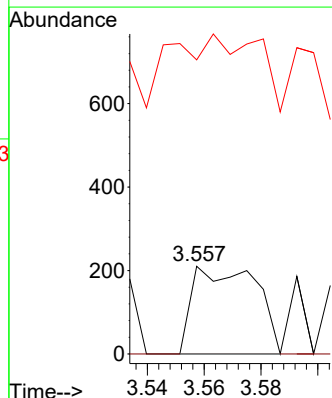
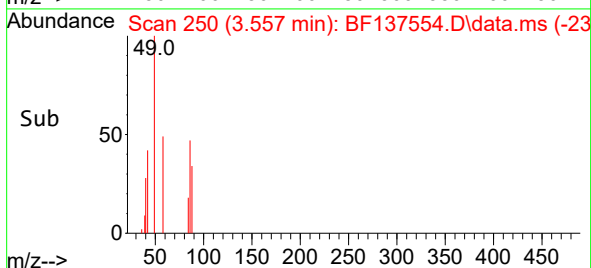
Tgt Ion:152 Resp: 245409
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 61.1 48.8 73.2

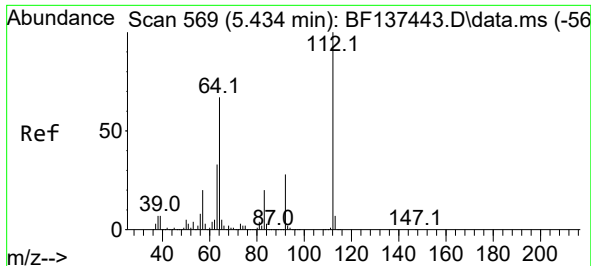


#4
n-Nitrosodimethylamine
Concen: 3.843 ng
RT: 3.557 min Scan# 250
Delta R.T. -0.012 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41



Tgt Ion: 42 Resp: 326
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 335.7 7.0 10.4#

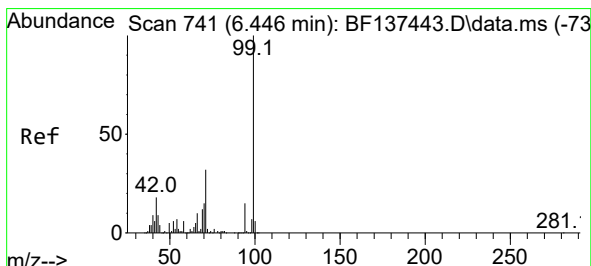
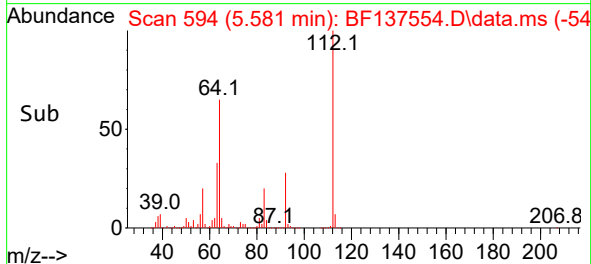
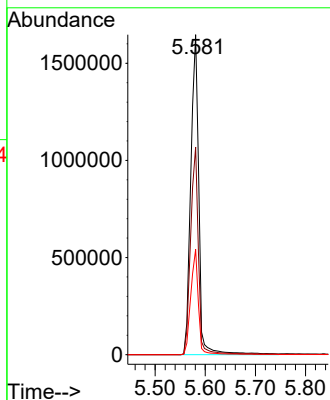
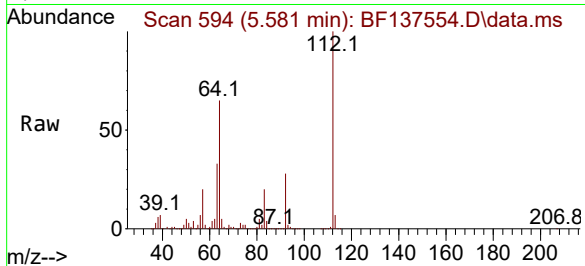




#5
2-Fluorophenol
Concen: 113.659 ng
RT: 5.581 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

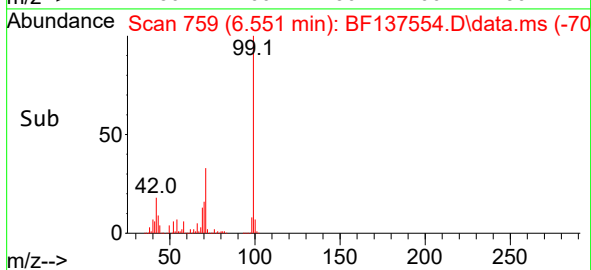
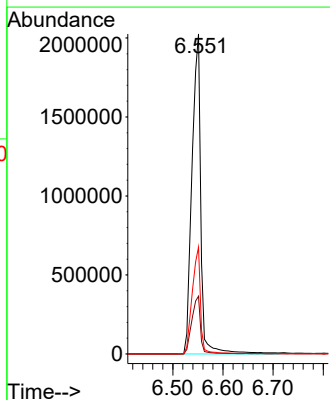
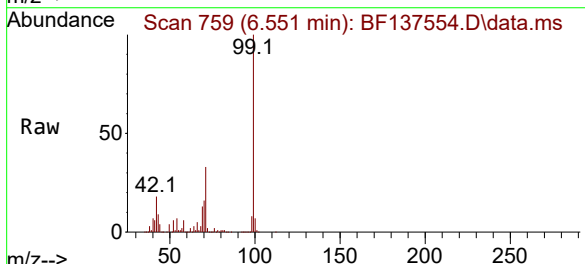
Instrument :
BNA_F
ClientSampleId :
PB159519BL

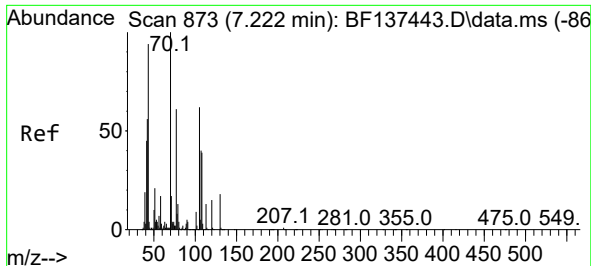
Tgt Ion:112 Resp: 1841677
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 32.9 26.2 39.2



#7
Phenol-d6
Concen: 106.455 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

Tgt Ion: 99 Resp: 2489901
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 33.4 25.3 37.9

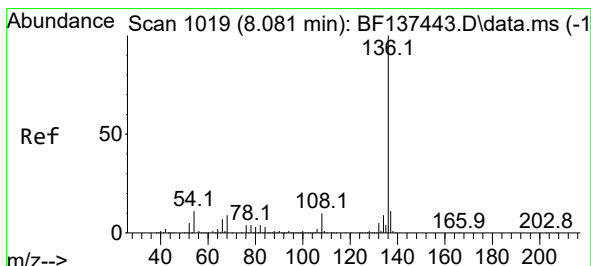
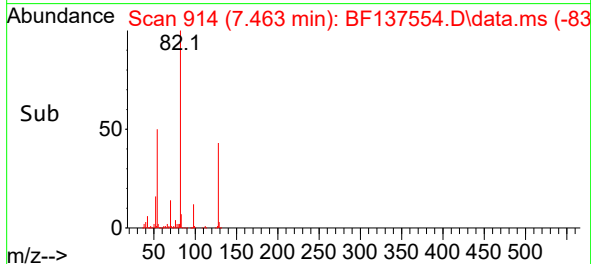
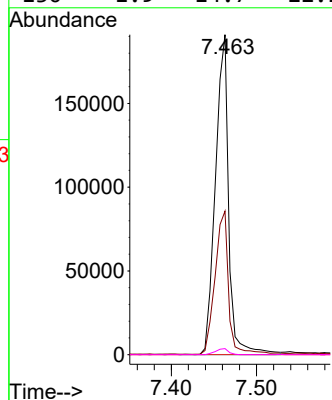
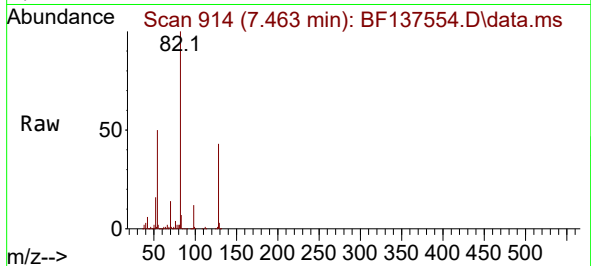




#19
n-Nitroso-di-n-propylamine
Concen: 14.361 ng
RT: 7.463 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

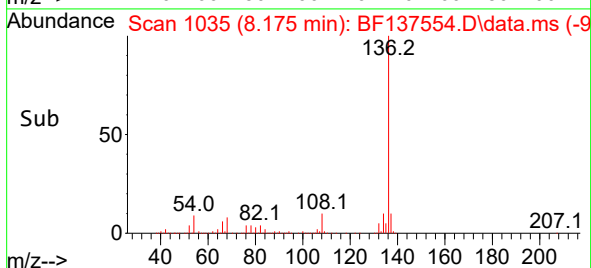
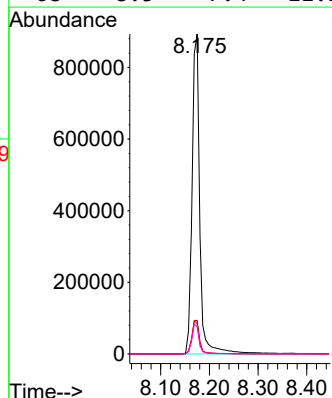
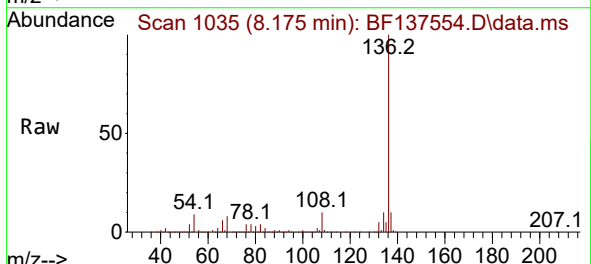
Instrument :
BNA_F
ClientSampleId :
PB159519BL

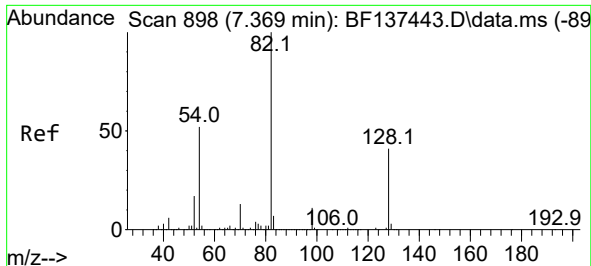
Tgt Ion: 70 Resp: 207417
Ion Ratio Lower Upper
70 100
42 44.9 45.2 67.8#
101 0.0 7.3 10.9#
130 1.9 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

Tgt Ion:136 Resp: 980911
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 9.4 8.5 12.7
68 8.5 7.4 11.2





#23

Nitrobenzene-d5

Concen: 75.779 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF137554.D

Acq: 11 Mar 2024 13:41

Instrument :

BNA_F

ClientSampleId :

PB159519BL

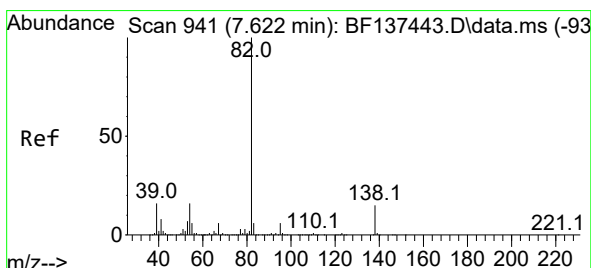
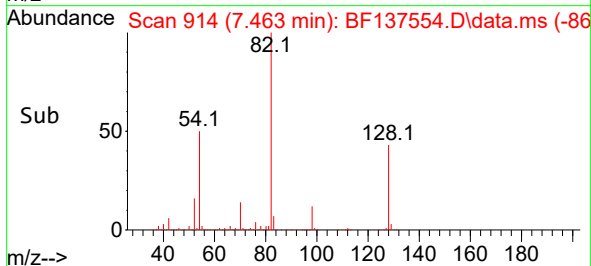
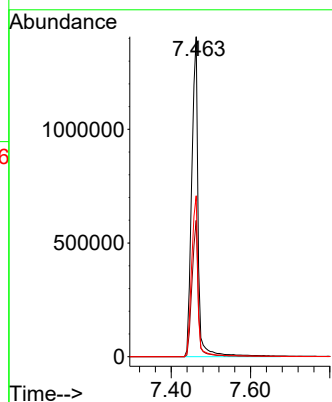
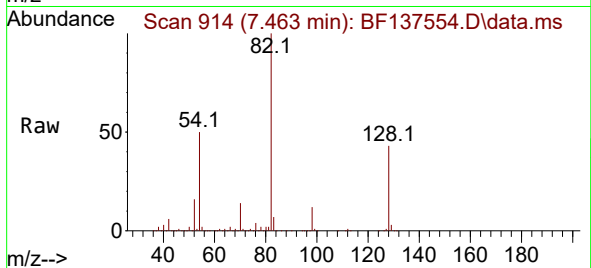
Tgt Ion: 82 Resp: 1599775

Ion Ratio Lower Upper

82 100

128 42.6 32.5 48.7

54 50.3 41.5 62.3



#25

Isophorone

Concen: 39.788 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.259 min

Lab File: BF137554.D

Acq: 11 Mar 2024 13:41

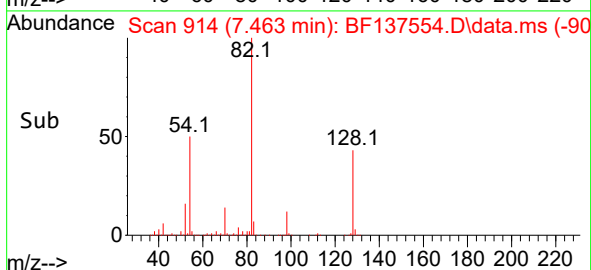
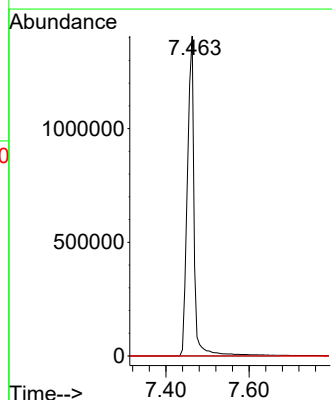
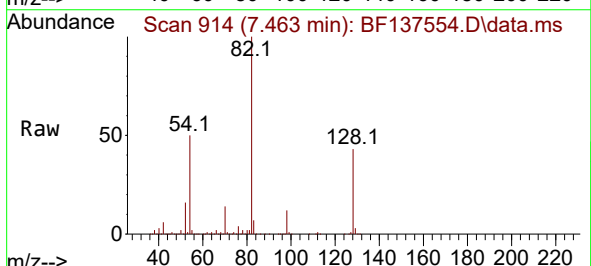
Tgt Ion: 82 Resp: 1595787

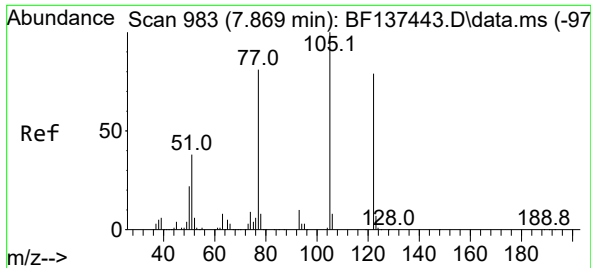
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

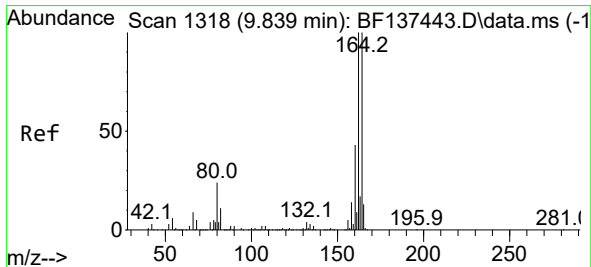
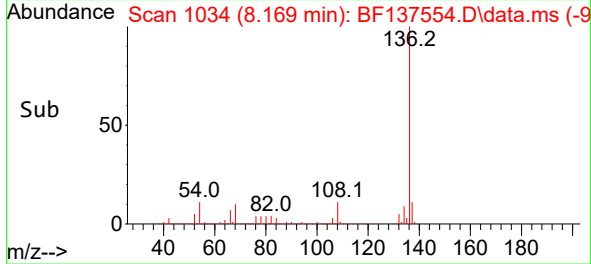
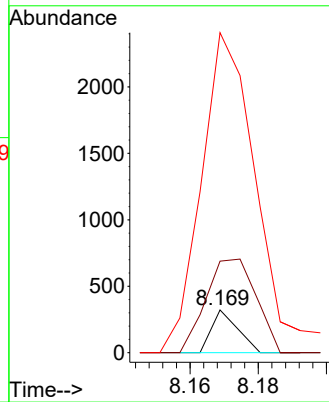
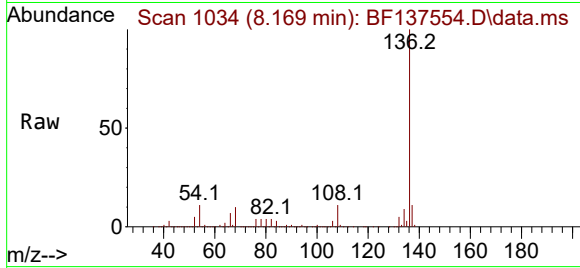




#32
Benzoic acid
Concen: 6.315 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.188 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

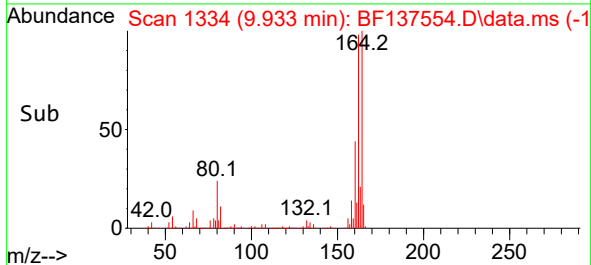
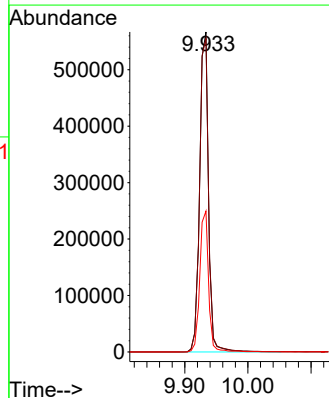
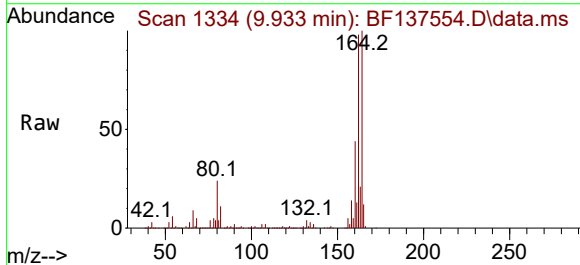
Instrument :
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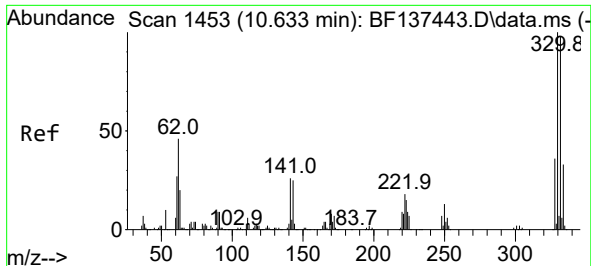
Tgt Ion:122 Resp: 170
Ion Ratio Lower Upper
122 100
105 214.0 102.4 142.4#
77 747.8 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

Tgt Ion:164 Resp: 545271
Ion Ratio Lower Upper
164 100
162 97.9 79.8 119.8
160 44.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 132.477 ng

RT: 10.733 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137554.D

Acq: 11 Mar 2024 13:41

Instrument :

BNA_F

ClientSampleId :

PB159519BL

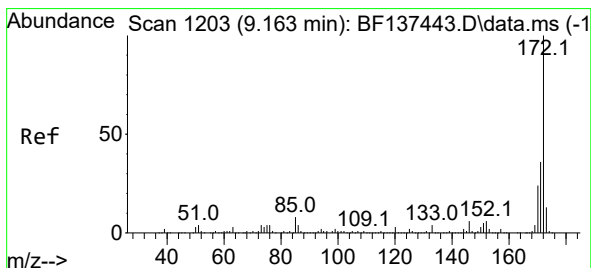
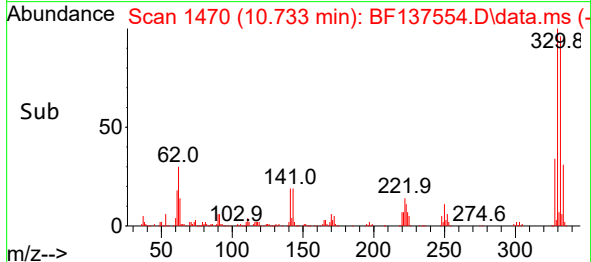
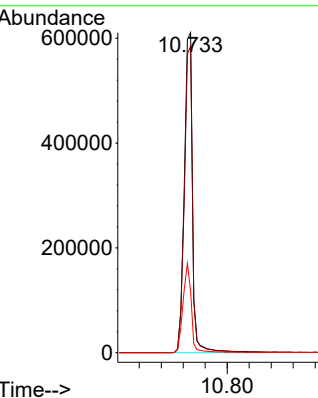
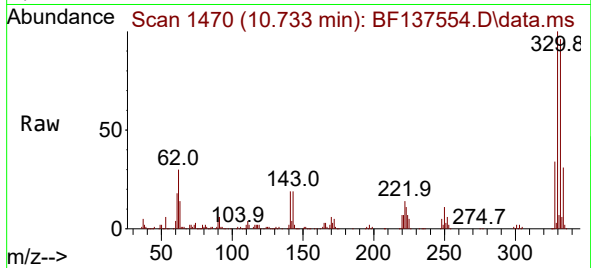
Tgt Ion:330 Resp: 634356

Ion Ratio Lower Upper

330 100

332 95.5 78.0 117.0

141 28.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 74.866 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF137554.D

Acq: 11 Mar 2024 13:41

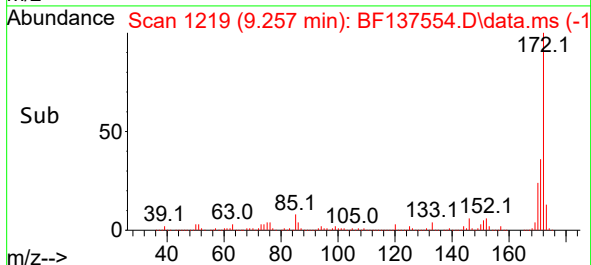
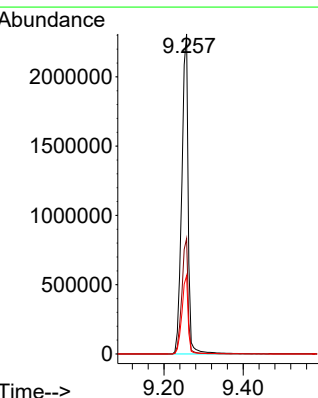
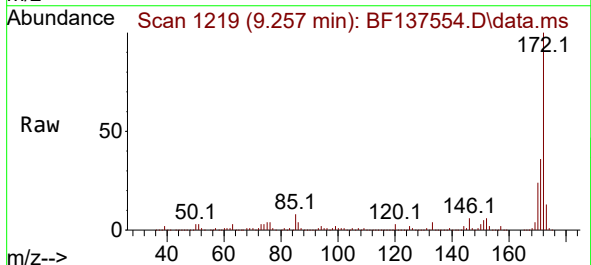
Tgt Ion:172 Resp: 2607840

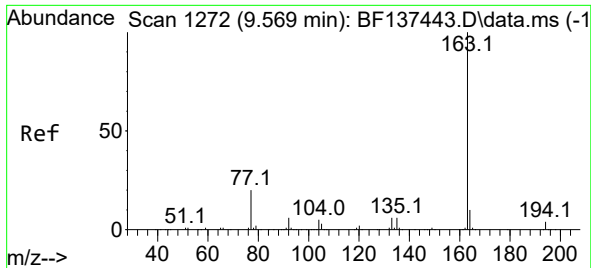
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 24.4 19.0 28.6

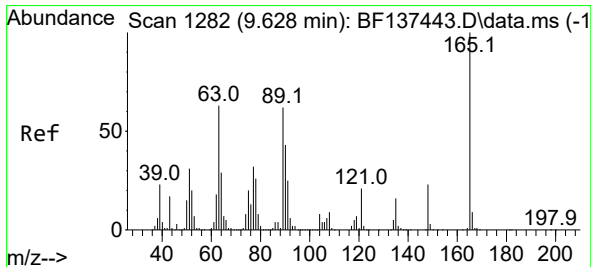
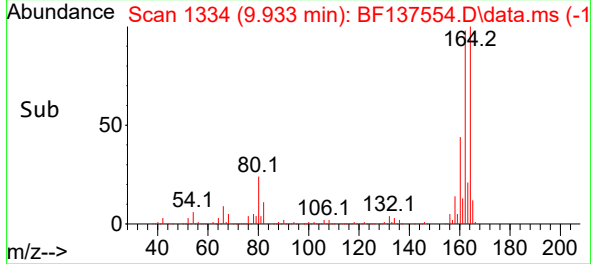
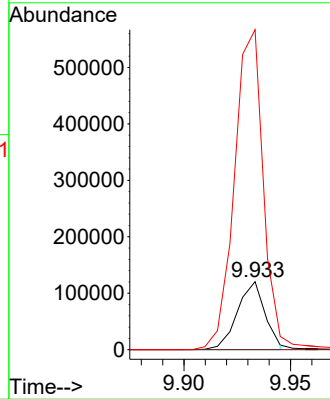
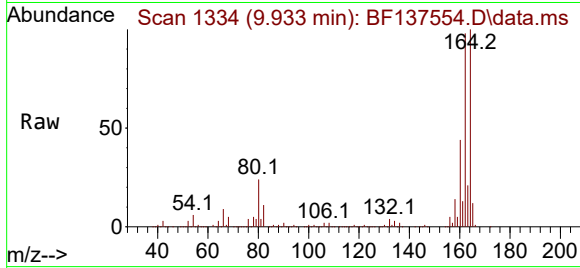




#50
Dimethylphthalate
Concen: 2.885 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

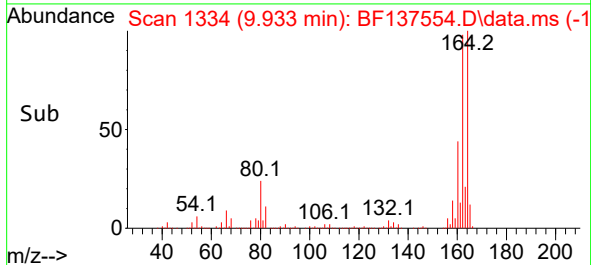
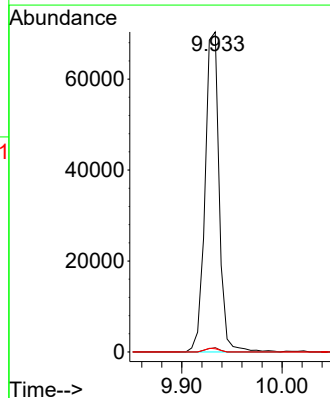
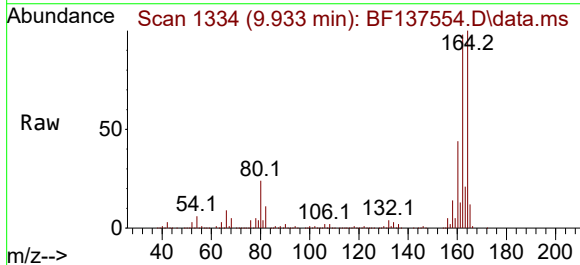
Instrument :
BNA_F
ClientSampleId :
PB159519BL

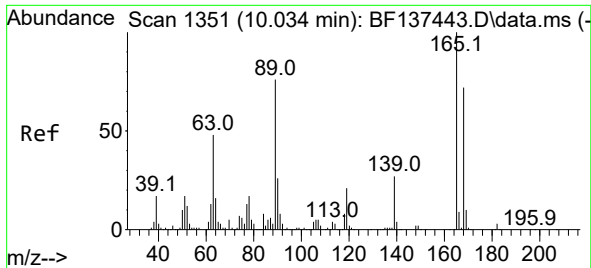
Tgt Ion:163 Resp: 109514
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 470.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.684 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.206 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

Tgt Ion:165 Resp: 68945
Ion Ratio Lower Upper
165 100
63 1.4 50.7 76.1#
89 1.0 50.0 75.0#

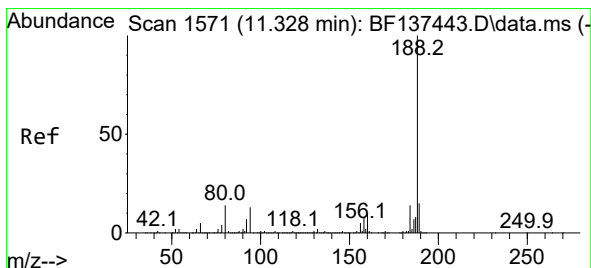
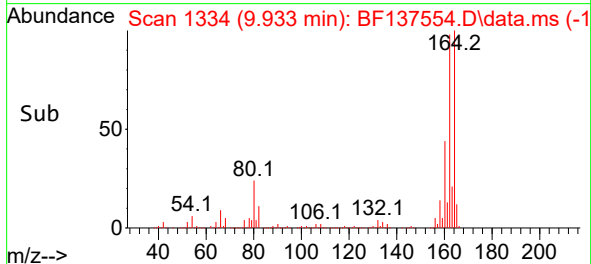
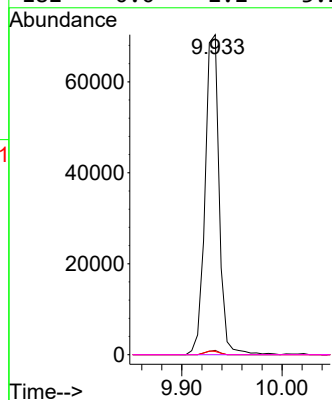
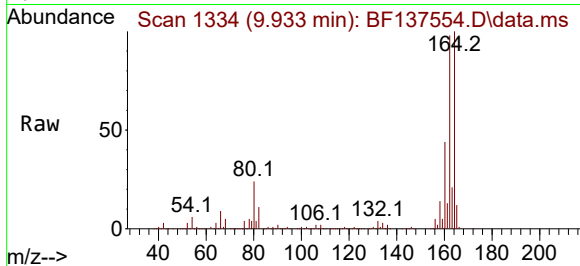




#57
2,4-Dinitrotoluene
Concen: 7.069 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

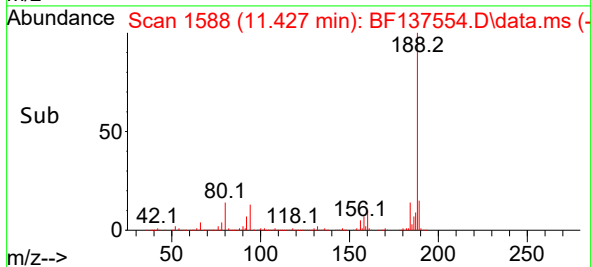
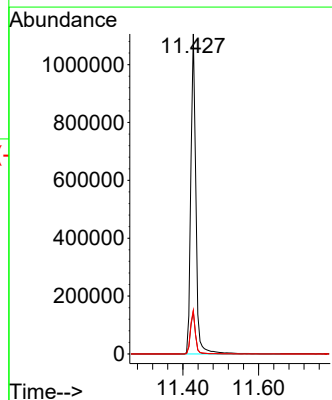
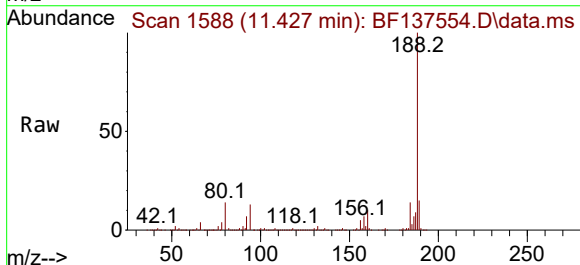
Instrument :
BNA_F
ClientSampleId :
PB159519BL

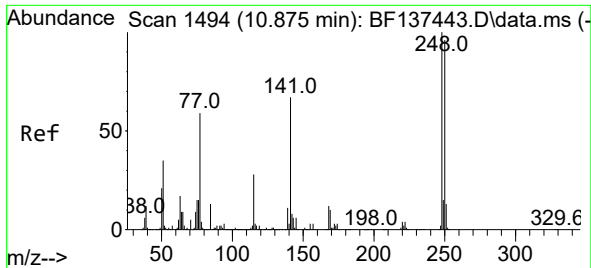
Tgt Ion:165 Resp: 68945
Ion Ratio Lower Upper
165 100
63 1.4 39.0 58.6#
89 1.0 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

Tgt Ion:188 Resp: 1019666
Ion Ratio Lower Upper
188 100
94 13.2 10.6 15.8
80 13.7 11.5 17.3

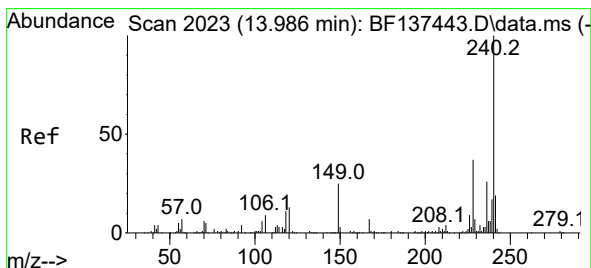
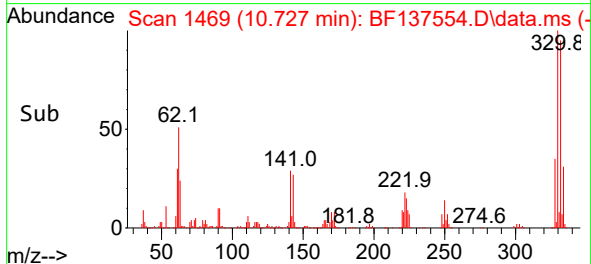
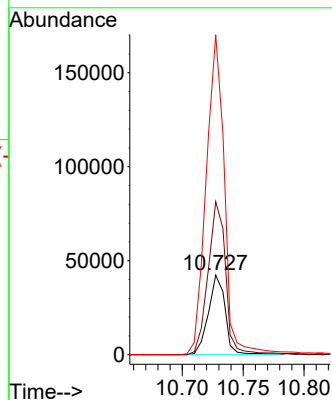
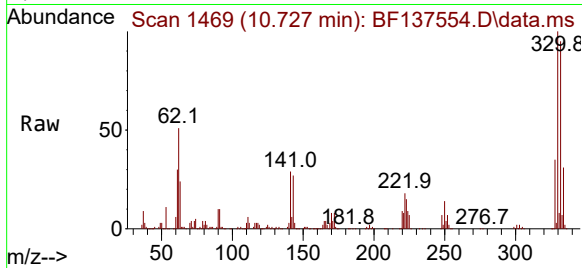




#67
4-Bromophenyl-phenylether
Concen: 3.658 ng
RT: 10.727 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

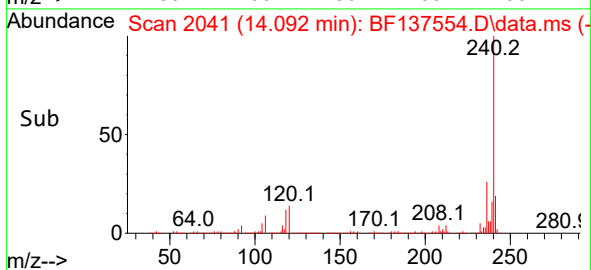
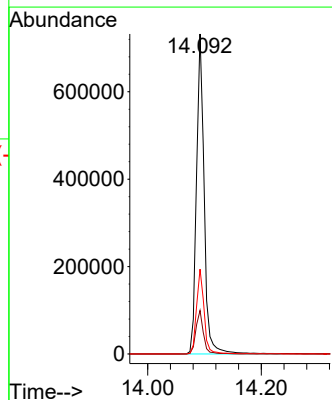
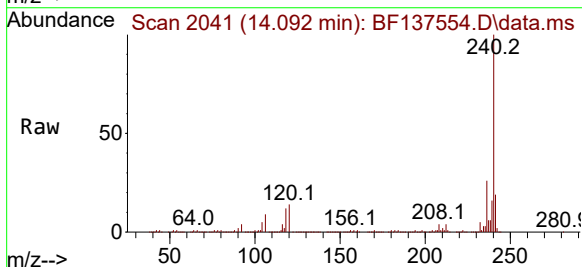
Instrument :
BNA_F
ClientSampleId :
PB159519BL

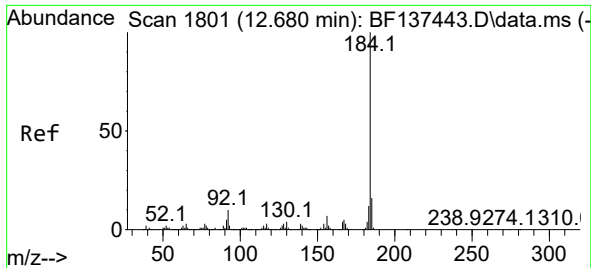
Tgt Ion:248 Resp: 40626
Ion Ratio Lower Upper
248 100
250 192.3 76.8 115.2#
141 402.3 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

Tgt Ion:240 Resp: 695489
Ion Ratio Lower Upper
240 100
120 13.6 10.4 15.6
236 26.5 20.9 31.3

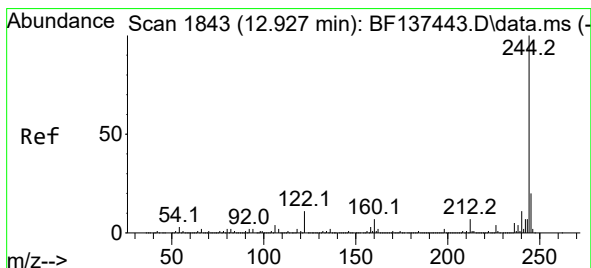
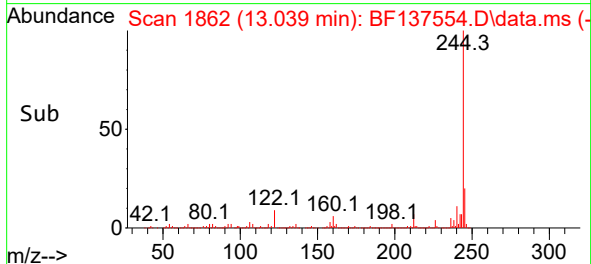
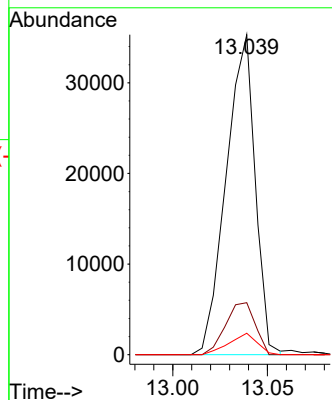
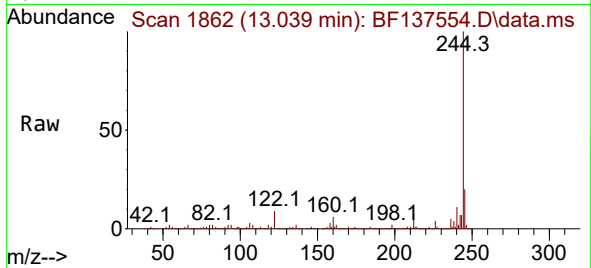




#77
Benzidine
Concen: 2.204 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.253 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

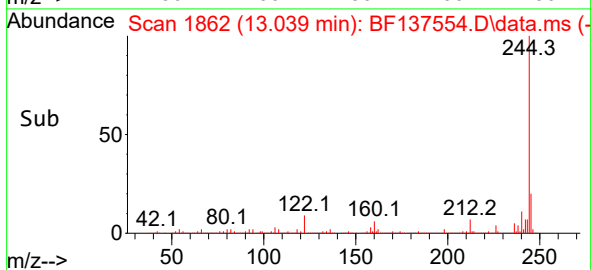
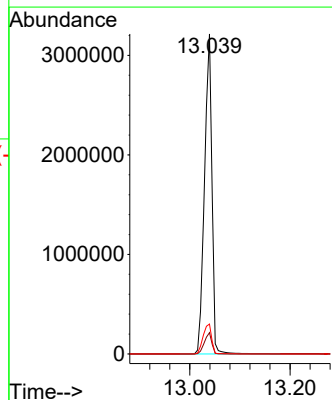
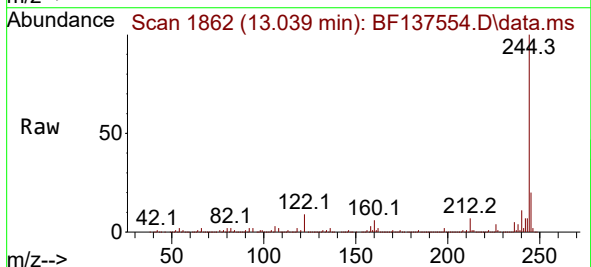
Instrument :
BNA_F
ClientSampleId :
PB159519BL

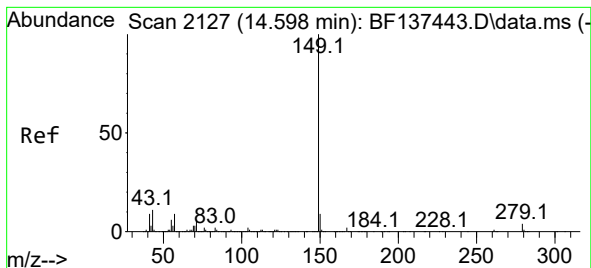
Tgt Ion:184 Resp: 37506
Ion Ratio Lower Upper
184 100
185 16.2 13.2 19.8
183 6.7 9.3 13.9#



#79
Terphenyl-d14
Concen: 65.225 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BF137554.D
Acq: 11 Mar 2024 13:41

Tgt Ion:244 Resp: 3298912
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 9.3 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.621 ng

RT: 14.727 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137554.D

Acq: 11 Mar 2024 13:41

Instrument :

BNA_F

ClientSampleId :

PB159519BL

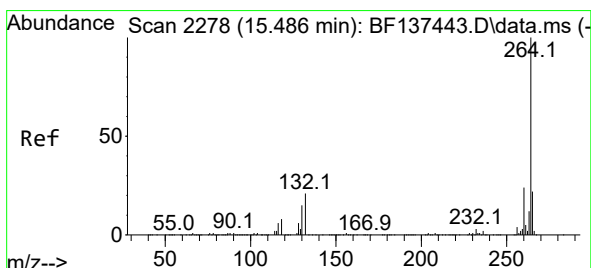
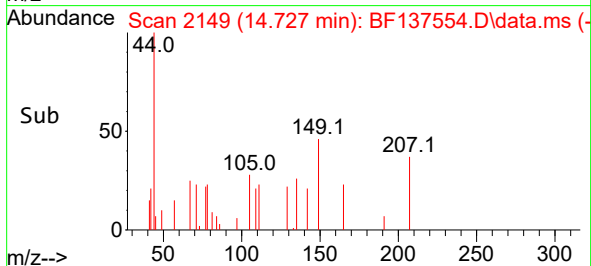
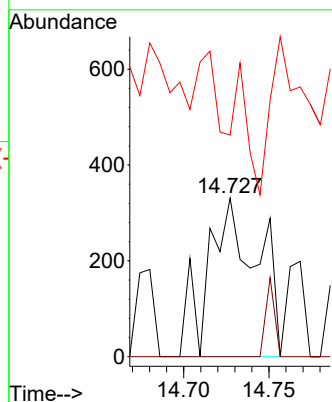
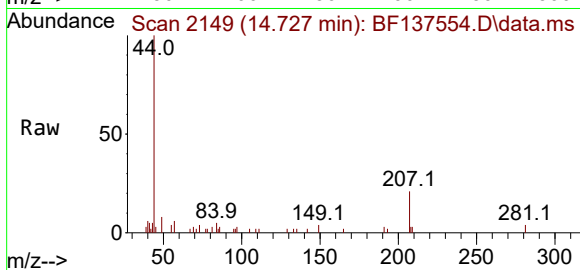
Tgt Ion:149 Resp: 668

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 2305

Delta R.T. -0.006 min

Lab File: BF137554.D

Acq: 11 Mar 2024 13:41

Tgt Ion:264 Resp: 542743

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.2 17.4 26.0

