

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137559.D
 Acq On : 11 Mar 2024 16:44
 Operator : CG\JU
 Sample : PB159533BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159533BL

Quant Time: Mar 12 02:04:55 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)

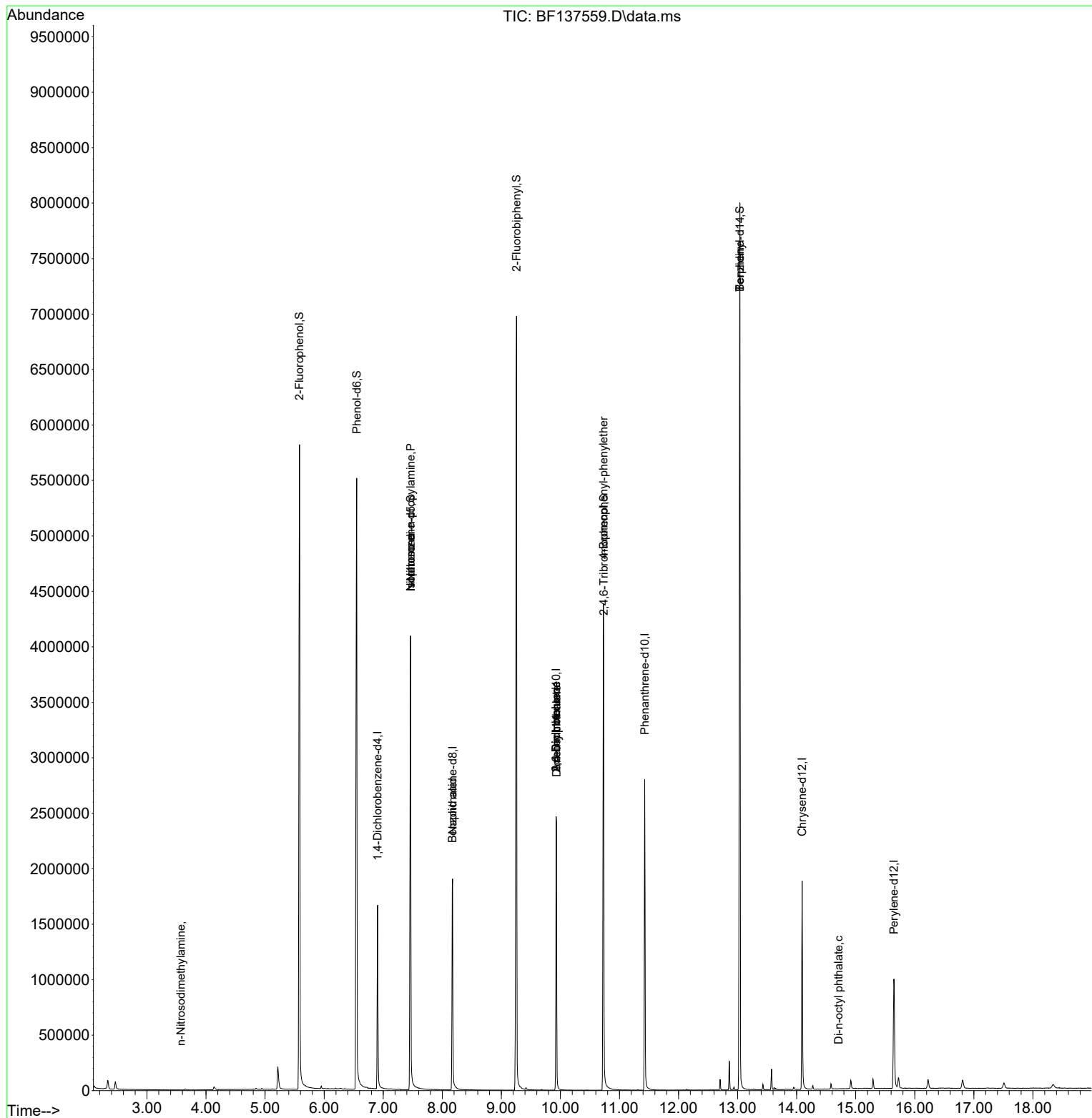
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	247112	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	992146	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	551989	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1033005	20.000	ng	0.00
76) Chrysene-d12	14.092	240	655055	20.000	ng	0.00
86) Perylene-d12	15.645	264	514100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1866372	114.389	ng	0.01
7) Phenol-d6	6.551	99	2524737	107.200	ng	0.00
23) Nitrobenzene-d5	7.463	82	1626686	76.181	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	648492	133.781	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2626859	74.494	ng	0.00
79) Terphenyl-d14	13.039	244	3300292	69.280	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.575	42	243	3.834	ng	# 1
19) n-Nitroso-di-n-propyla...	7.463	70	208338	14.325	ng	# 81
25) Isophorone	7.463	82	1626677	40.099	ng	# 69
32) Benzoic acid	8.169	122	61	6.304	ng	# 1
50) Dimethylphthalate	9.934	163	107600	2.800	ng	# 1
51) 2,6-Dinitrotoluene	9.928	165	70022	8.713	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	70022	7.092	ng	# 21
67) 4-Bromophenyl-phenylether	10.728	248	41668	3.703	ng	# 1
77) Benzidine	13.039	184	37137	2.317	ng	# 94
85) Di-n-octyl phthalate	14.710	149	309	5.614	ng	# 72

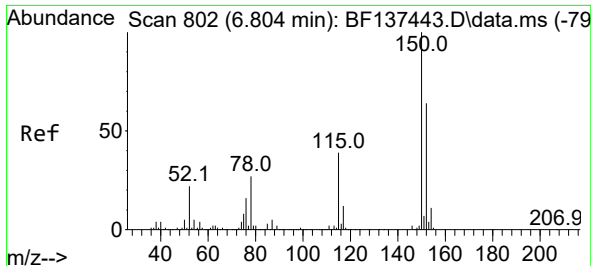
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
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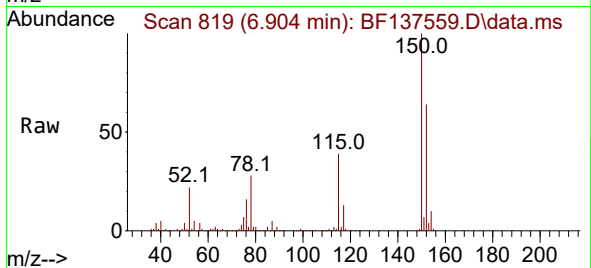
Quant Time: Mar 12 02:04:55 2024
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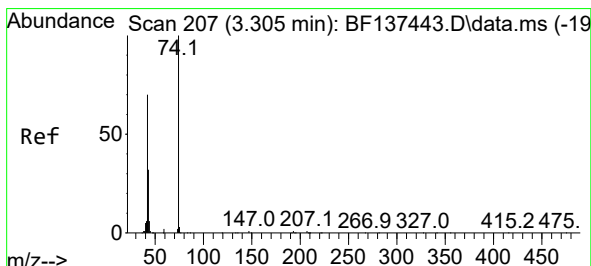
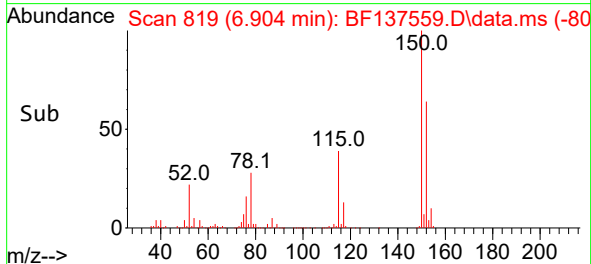
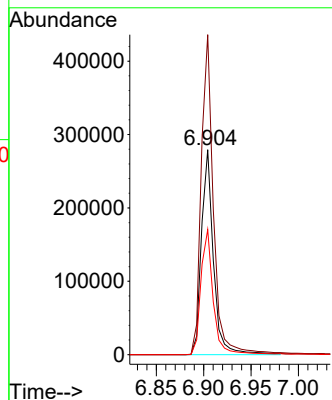


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Instrument :
BNA_F
ClientSampleId :
PB159533BL

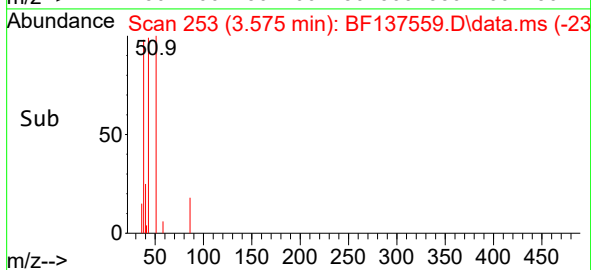
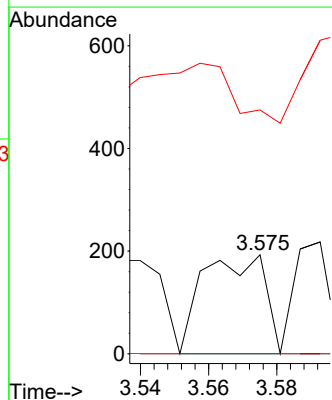
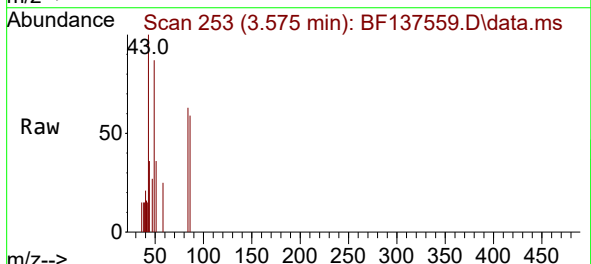


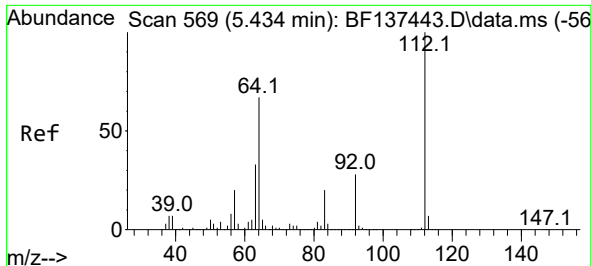
Tgt Ion:152 Resp: 247112
Ion Ratio Lower Upper
152 100
150 156.1 125.8 188.6
115 61.1 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.834 ng
RT: 3.575 min Scan# 253
Delta R.T. 0.006 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Tgt Ion: 42 Resp: 243
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 246.1 7.0 10.4#

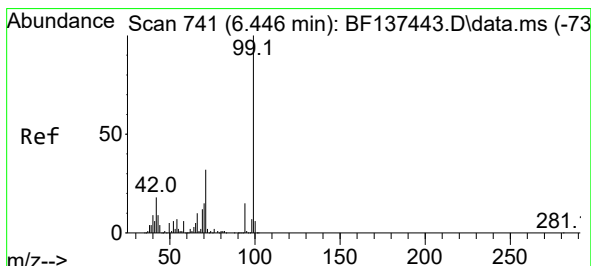
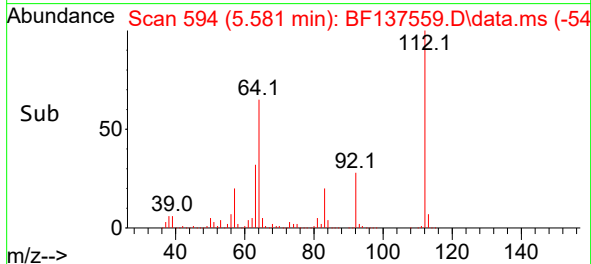
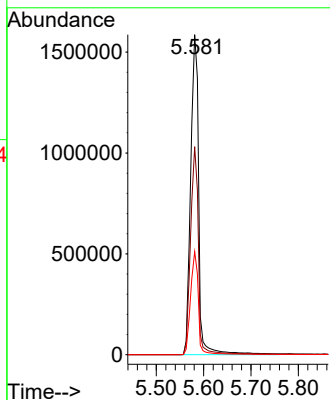
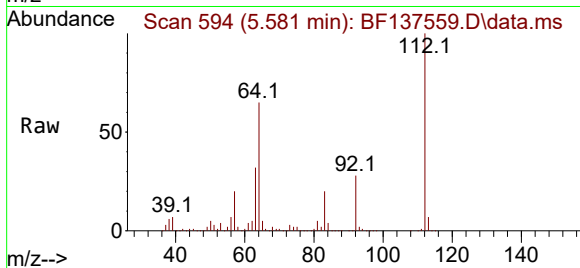




#5
2-Fluorophenol
Concen: 114.389 ng
RT: 5.581 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

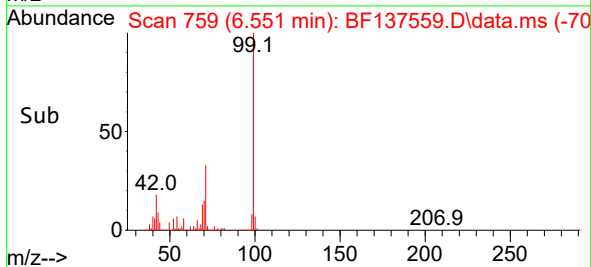
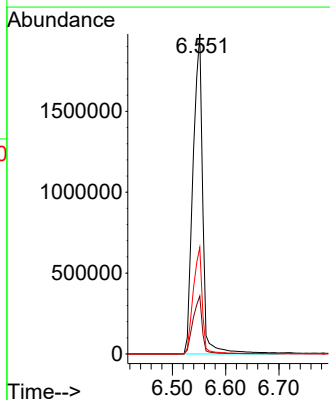
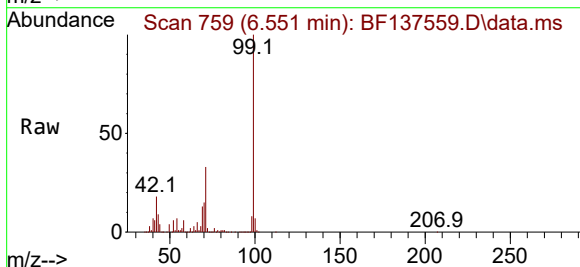
Instrument :
BNA_F
ClientSampleId :
PB159533BL

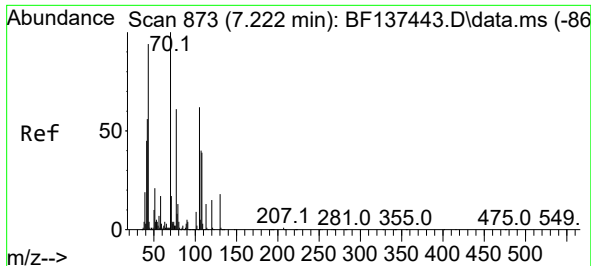
Tgt Ion:112 Resp: 1866372
Ion Ratio Lower Upper
112 100
64 65.0 53.4 80.2
63 32.2 26.2 39.2



#7
Phenol-d6
Concen: 107.200 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Tgt Ion: 99 Resp: 2524737
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 33.3 25.3 37.9

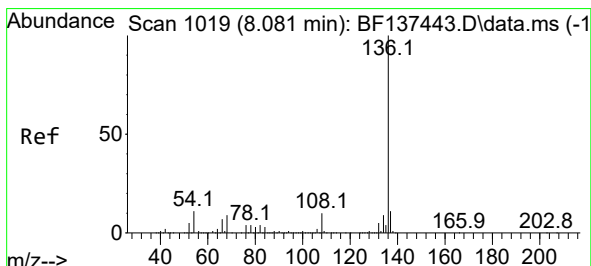
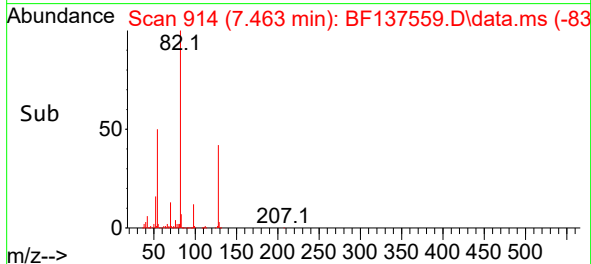
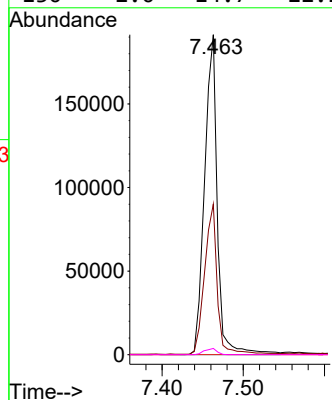
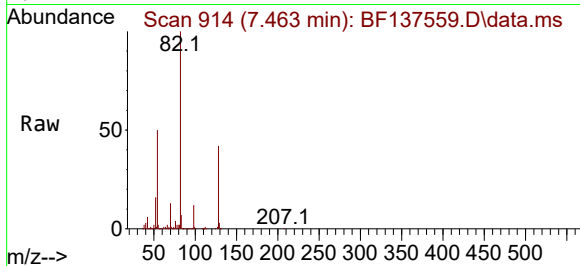




#19
n-Nitroso-di-n-propylamine
Concen: 14.325 ng
RT: 7.463 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

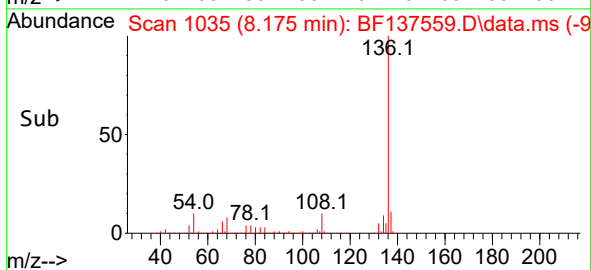
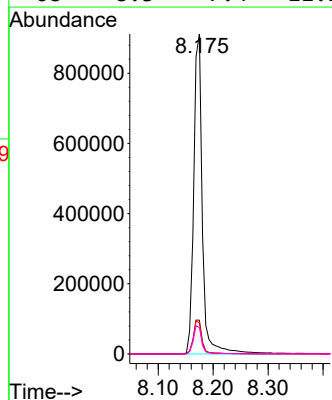
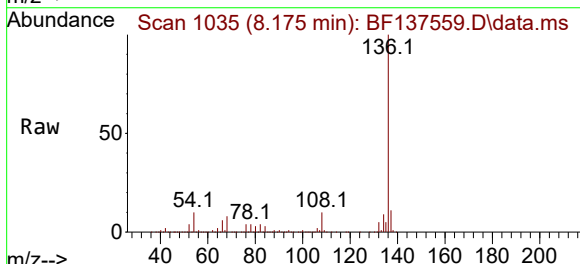
Instrument :
BNA_F
ClientSampleId :
PB159533BL

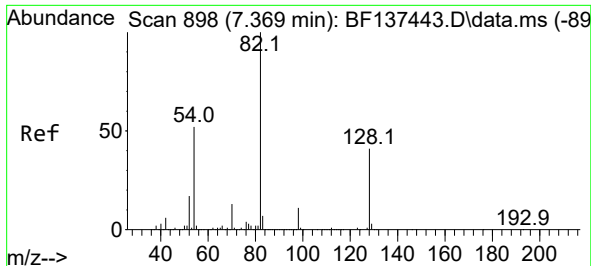
Tgt Ion: 70 Resp: 208338
Ion Ratio Lower Upper
70 100
42 47.0 45.2 67.8
101 0.0 7.3 10.9#
130 2.0 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Tgt Ion:136 Resp: 992146
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 9.7 8.5 12.7
68 8.3 7.4 11.2





#23

Nitrobenzene-d5

Concen: 76.181 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF137559.D

Acq: 11 Mar 2024 16:44

Instrument :

BNA_F

ClientSampleId :

PB159533BL

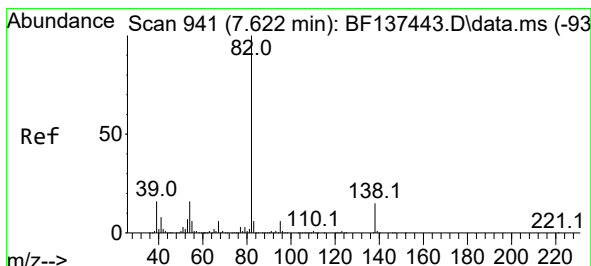
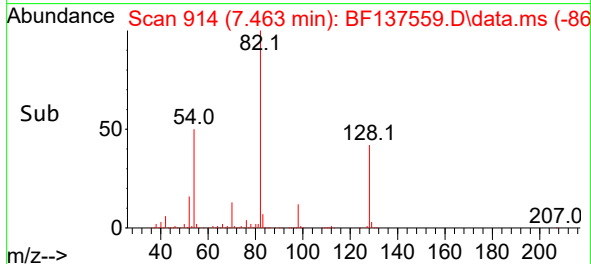
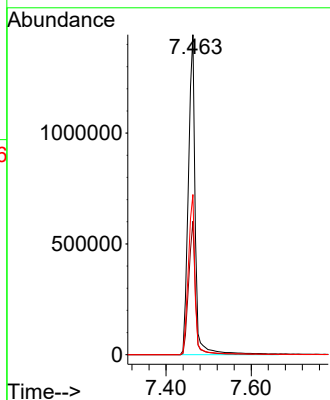
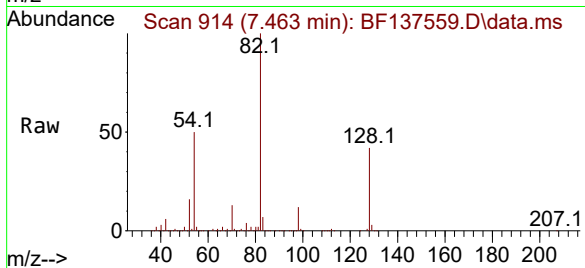
Tgt Ion: 82 Resp: 1626686

Ion Ratio Lower Upper

82 100

128 41.7 32.5 48.7

54 50.0 41.5 62.3



#25

Isophorone

Concen: 40.099 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.259 min

Lab File: BF137559.D

Acq: 11 Mar 2024 16:44

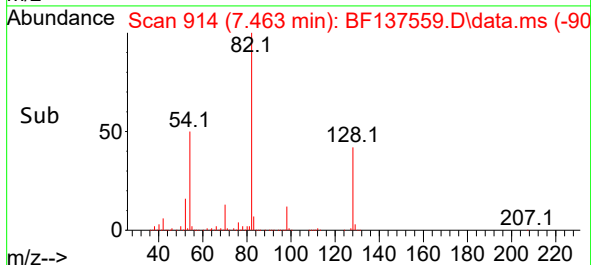
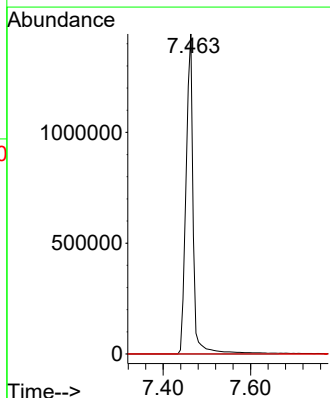
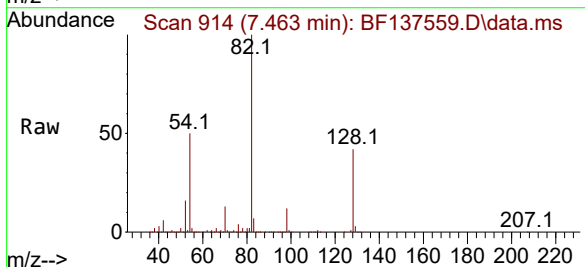
Tgt Ion: 82 Resp: 1626677

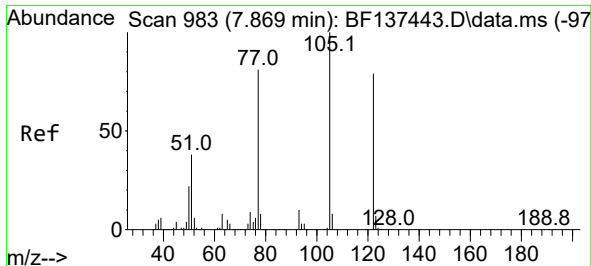
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

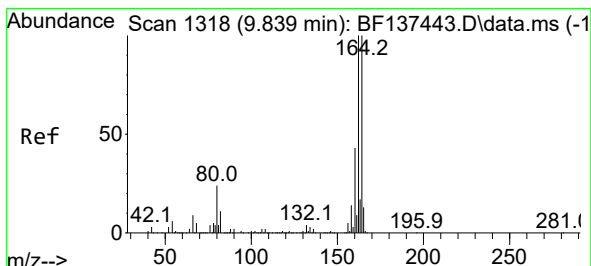
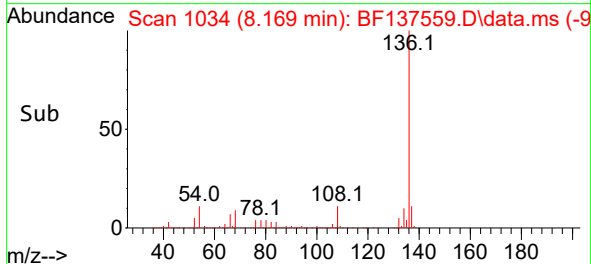
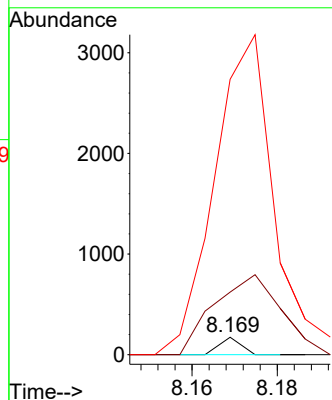
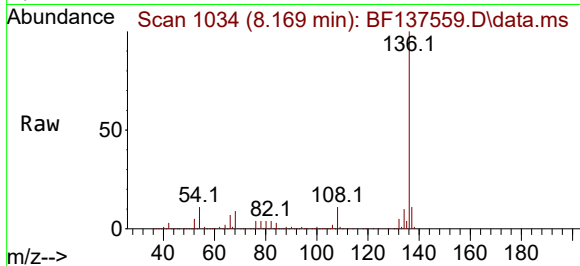




#32
Benzoic acid
Concen: 6.304 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.188 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

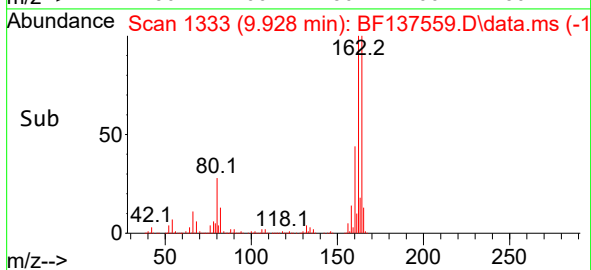
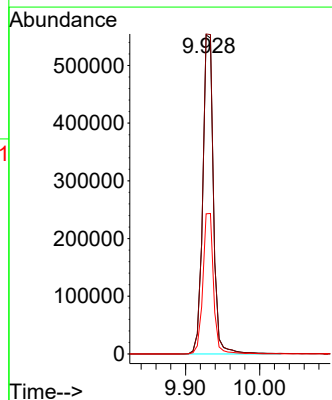
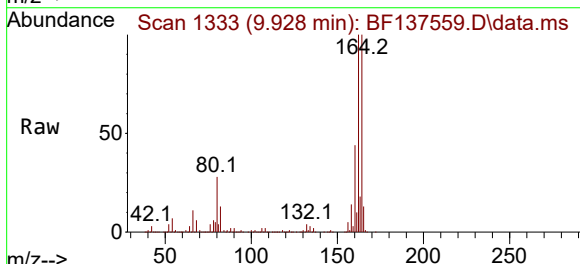
Instrument :
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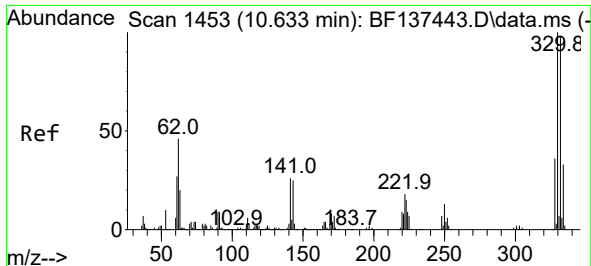
Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 357.5 102.4 142.4#
77 1573.0 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Tgt Ion:164 Resp: 551989
Ion Ratio Lower Upper
164 100
162 100.3 79.8 119.8
160 43.9 34.4 51.6

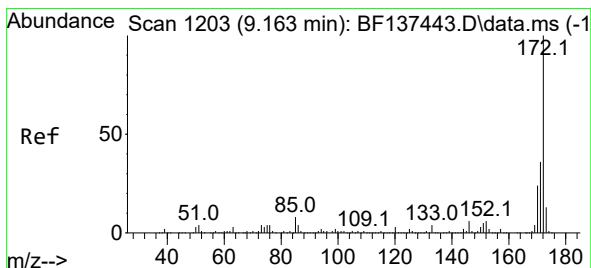
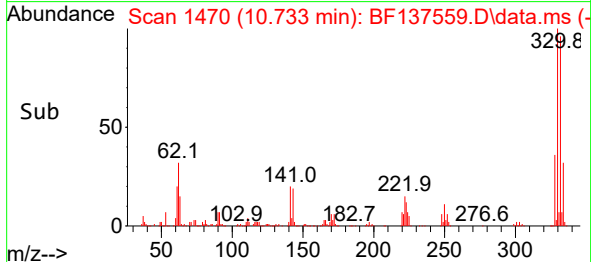
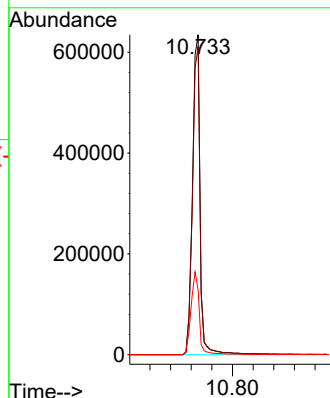
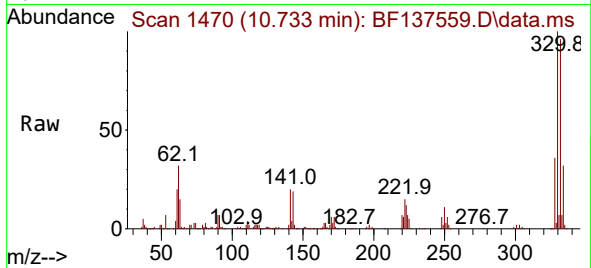




#42
2,4,6-Tribromophenol
Concen: 133.781 ng
RT: 10.733 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

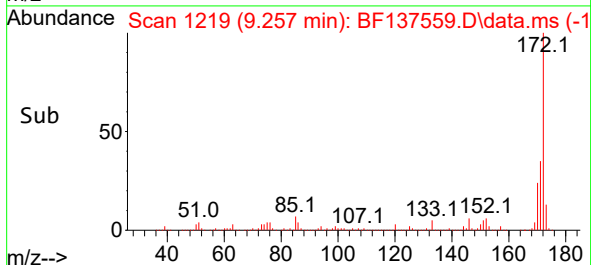
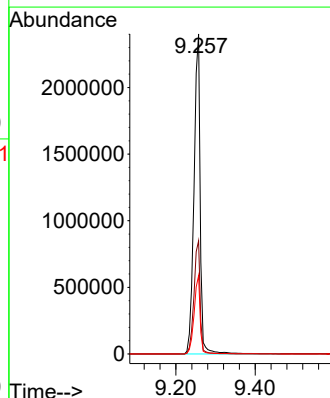
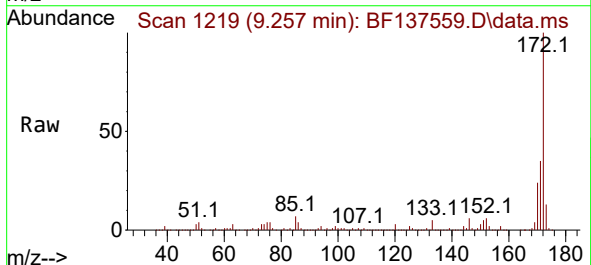
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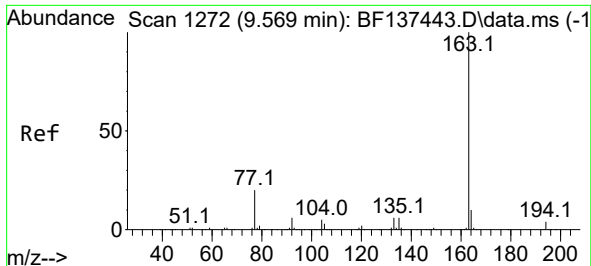
Tgt Ion:330 Resp: 648492
Ion Ratio Lower Upper
330 100
332 95.3 78.0 117.0
141 28.2 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 74.494 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Tgt Ion:172 Resp: 2626859
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.4 19.0 28.6

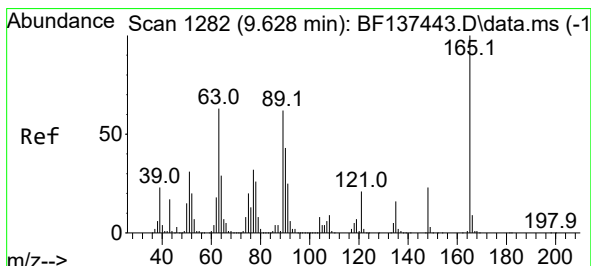
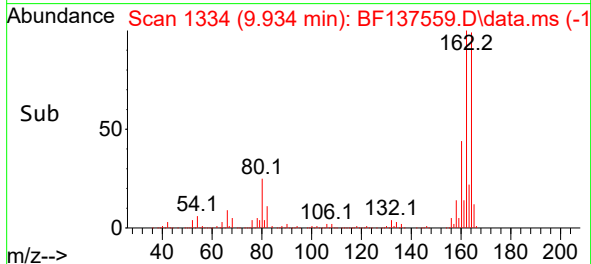
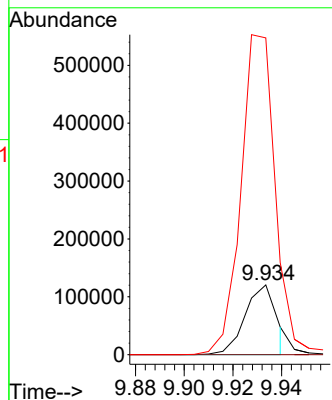
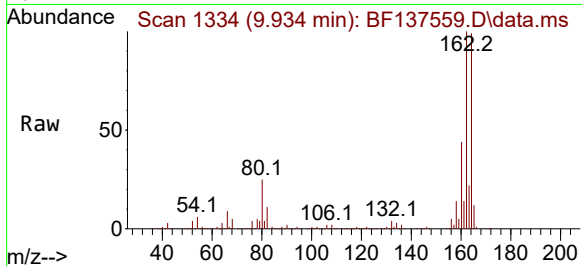




#50
Dimethylphthalate
Concen: 2.800 ng
RT: 9.934 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

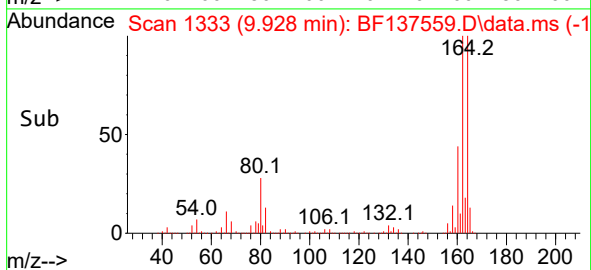
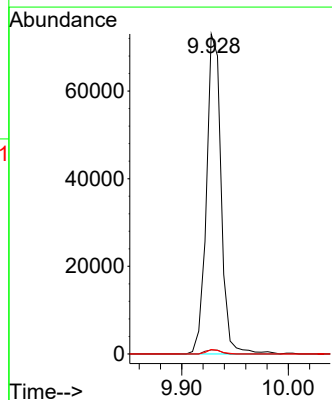
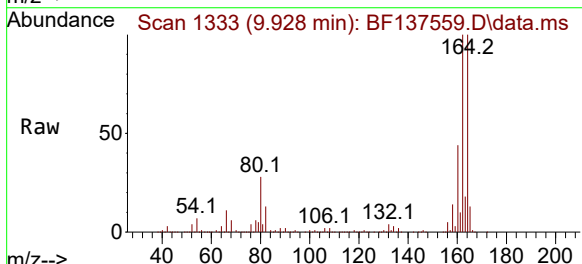
Instrument :
BNA_F
ClientSampleId :
PB159533BL

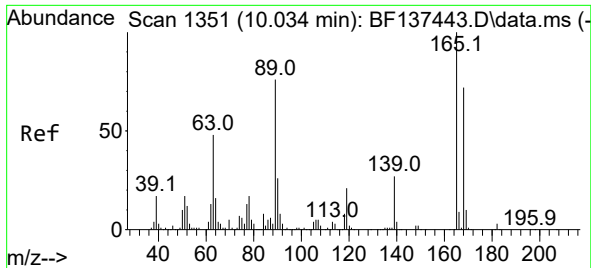
Tgt Ion:163 Resp: 107600
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 454.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.713 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.200 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Tgt Ion:165 Resp: 70022
Ion Ratio Lower Upper
165 100
63 1.3 50.7 76.1#
89 1.4 50.0 75.0#

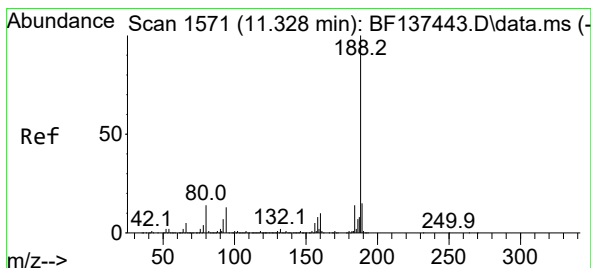
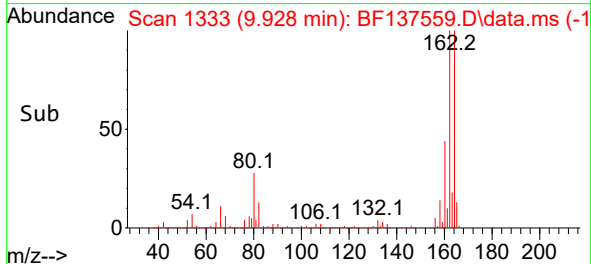
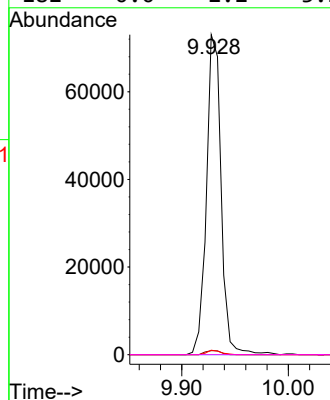
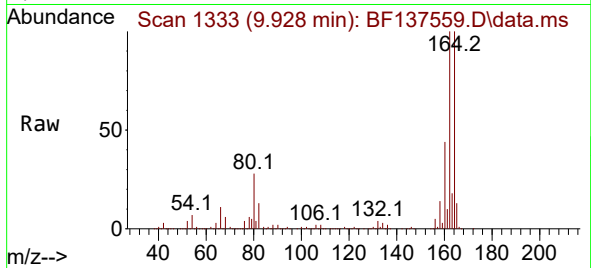




#57
2,4-Dinitrotoluene
Concen: 7.092 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

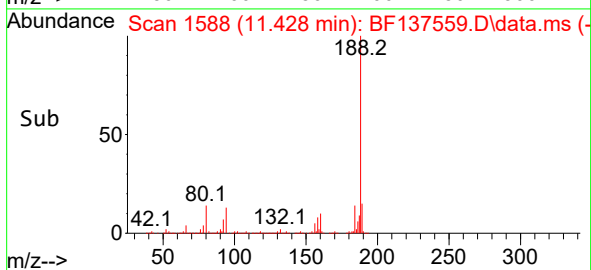
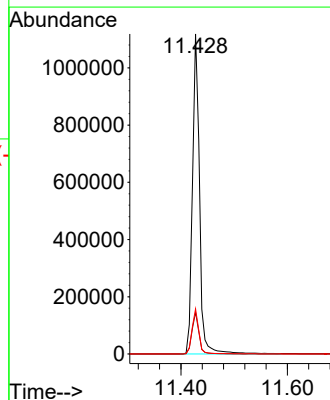
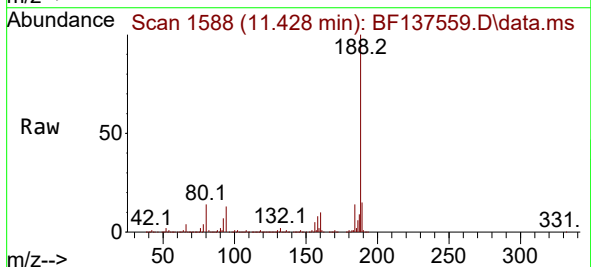
Instrument :
BNA_F
ClientSampleId :
PB159533BL

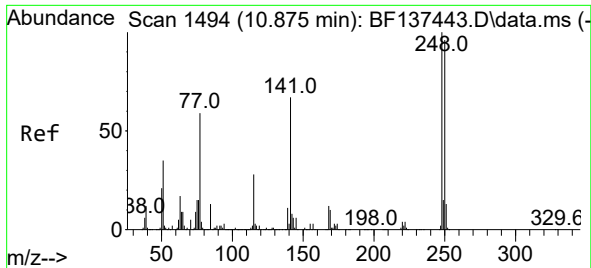
Tgt Ion:165 Resp: 70022
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.6#
89 1.4 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Tgt Ion:188 Resp: 1033005
Ion Ratio Lower Upper
188 100
94 13.0 10.6 15.8
80 14.1 11.5 17.3

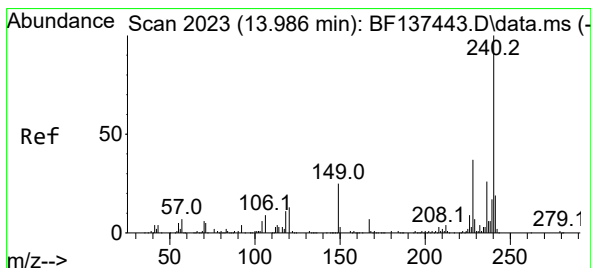
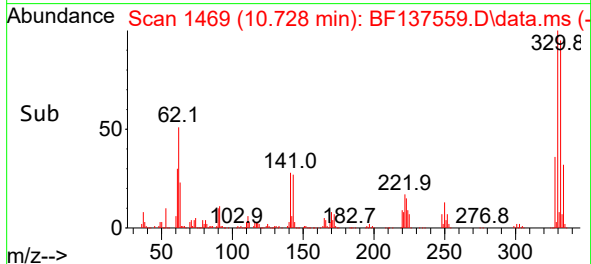
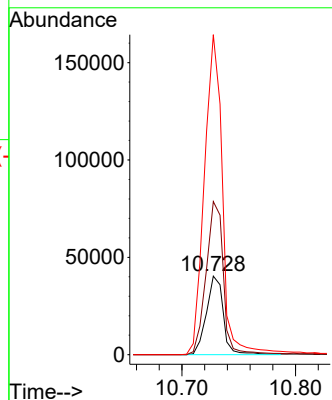
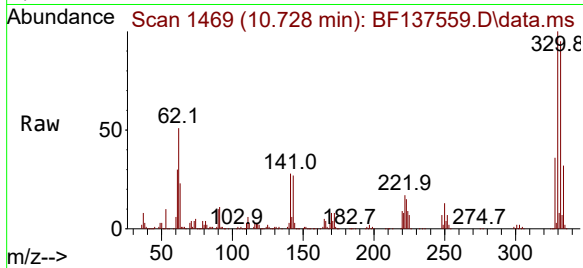




#67
4-Bromophenyl-phenylether
Concen: 3.703 ng
RT: 10.728 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

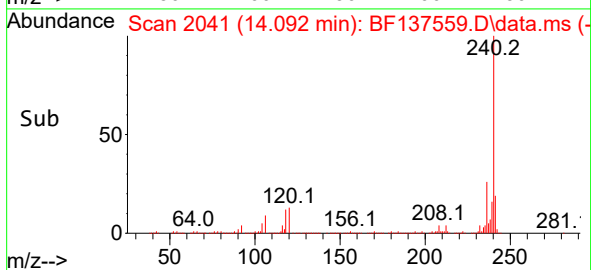
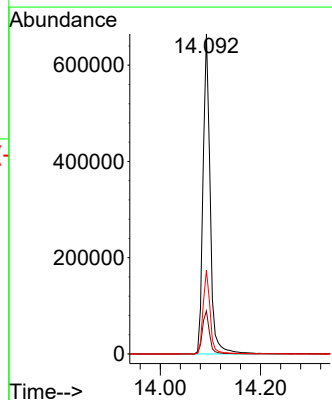
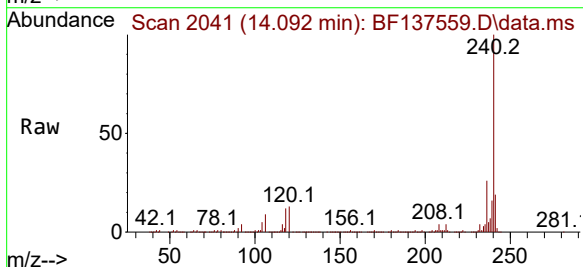
Instrument :
BNA_F
ClientSampleId :
PB159533BL

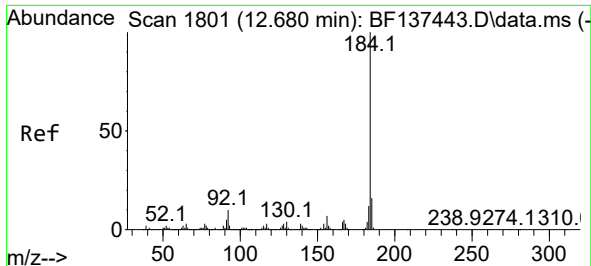
Tgt Ion:248 Resp: 41668
Ion Ratio Lower Upper
248 100
250 194.7 76.8 115.2#
141 407.1 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Tgt Ion:240 Resp: 655055
Ion Ratio Lower Upper
240 100
120 13.4 10.4 15.6
236 26.2 20.9 31.3

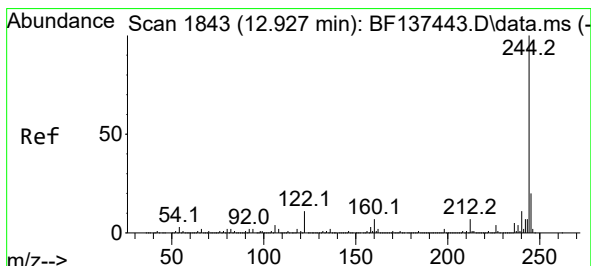
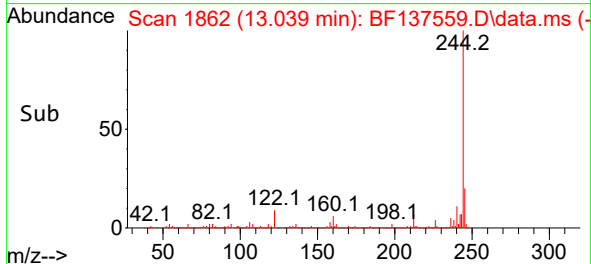
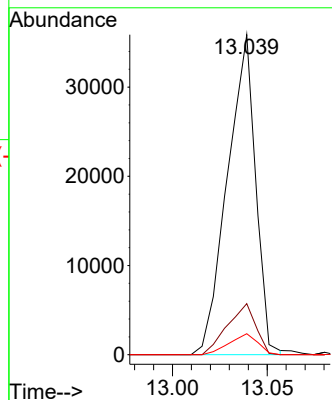
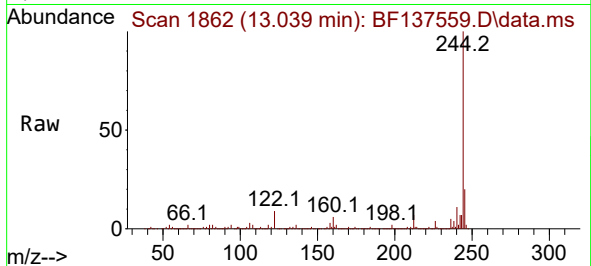




#77
Benzidine
Concen: 2.317 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.253 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

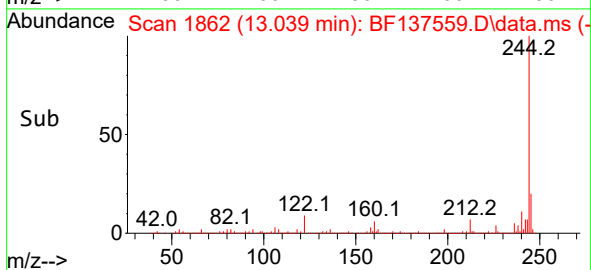
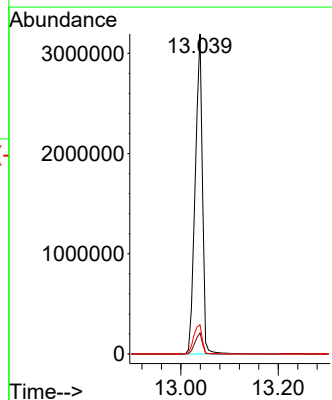
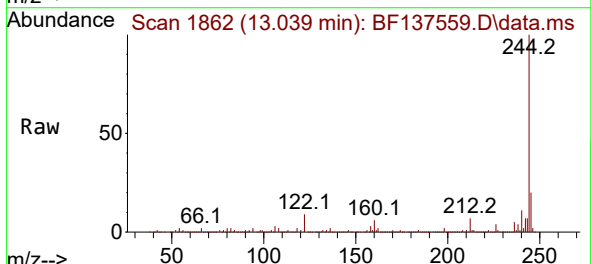
Instrument :
BNA_F
ClientSampleId :
PB159533BL

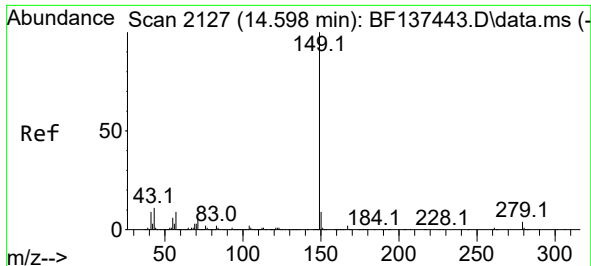
Tgt Ion:184 Resp: 37137
Ion Ratio Lower Upper
184 100
185 15.9 13.2 19.8
183 6.6 9.3 13.9#



#79
Terphenyl-d14
Concen: 69.280 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.000 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Tgt Ion:244 Resp: 3300292
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 9.1 9.1 13.7

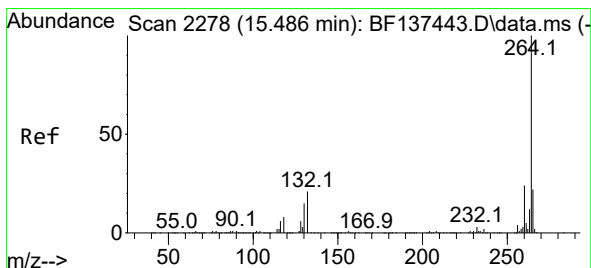
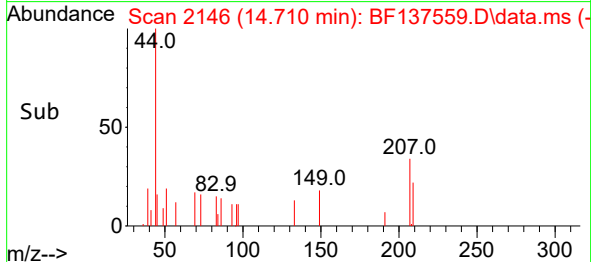
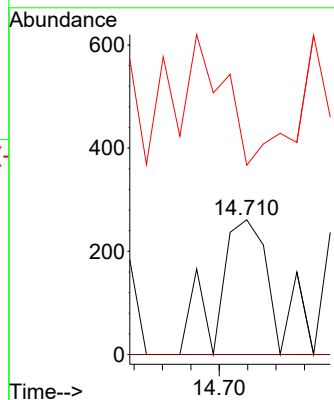
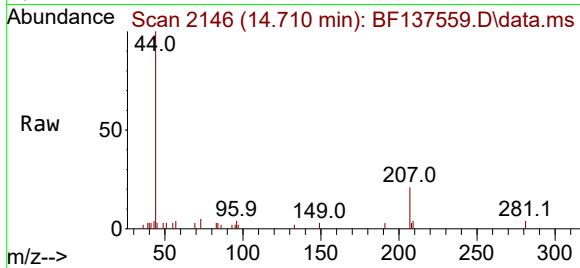




#85
Di-n-octyl phthalate
Concen: 5.614 ng
RT: 14.710 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF137559.D
Acq: 11 Mar 2024 16:44

Instrument :
BNA_F
ClientSampleId :
PB159533BL

Tgt Ion:149 Resp: 309
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: BF137559.D
Acq: 11 Mar 2024 16:44

Tgt Ion:264 Resp: 514100
Ion Ratio Lower Upper
264 100
260 23.5 19.3 28.9
265 21.9 17.4 26.0

