

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137557.D
 Acq On : 11 Mar 2024 15:43
 Operator : CG\JU
 Sample : P1716-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20240307

Quant Time: Mar 12 02:03:55 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)

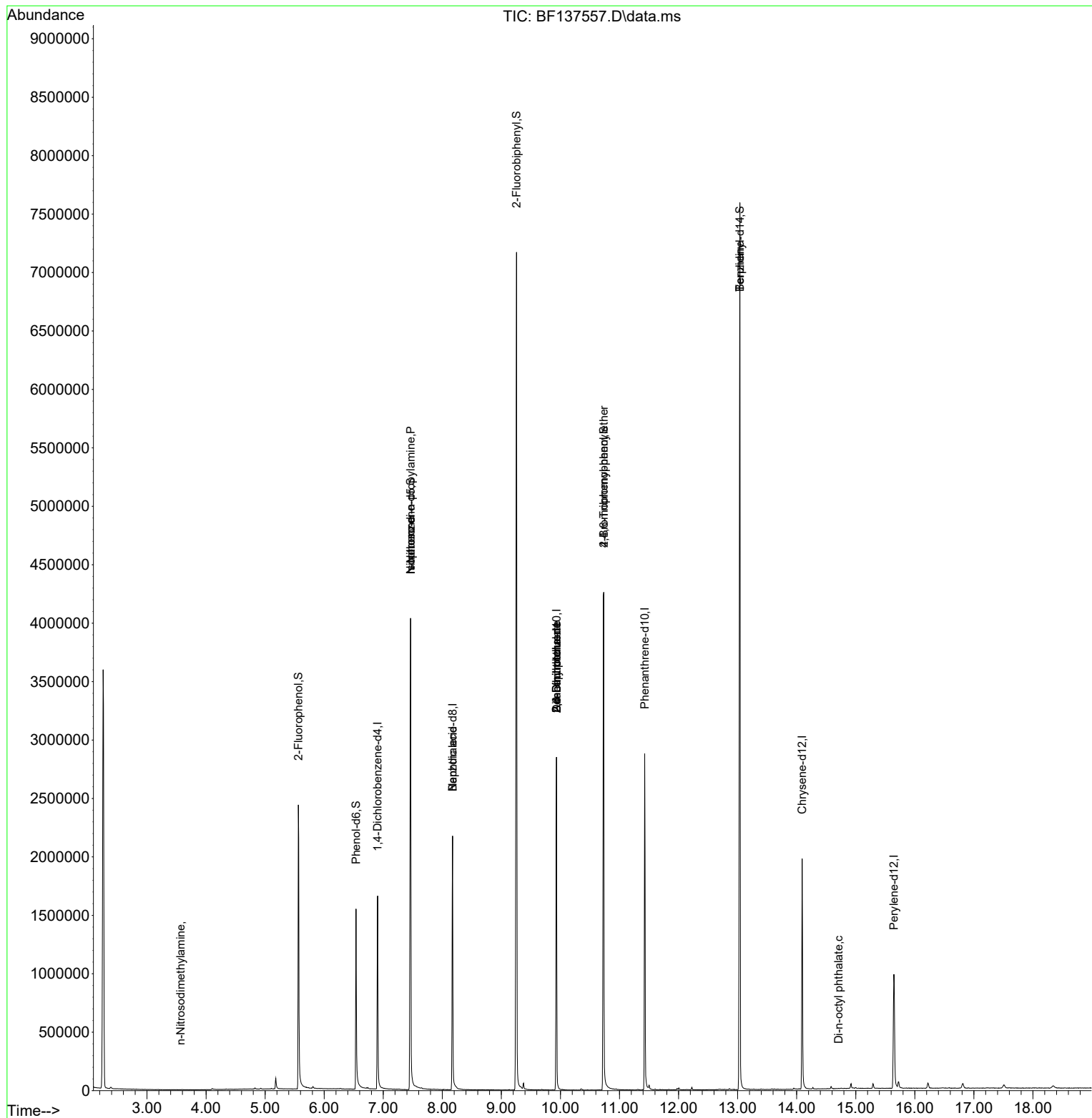
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	252108	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1011072	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	586134	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1045182	20.000	ng	0.00
76) Chrysene-d12	14.092	240	664748	20.000	ng	0.00
86) Perylene-d12	15.645	264	533166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	712729	42.817	ng	0.00
7) Phenol-d6	6.539	99	586197	24.397	ng	-0.02
23) Nitrobenzene-d5	7.463	82	1575160	72.387	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	633709	123.116	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2600509	69.451	ng	0.00
79) Terphenyl-d14	13.039	244	2913262	60.264	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.569	42	263	3.836	ng	# 1
19) n-Nitroso-di-n-propyla...	7.463	70	209064	14.090	ng	# 78
25) Isophorone	7.463	82	1575147	38.101	ng	# 69
32) Benzoic acid	8.175	122	196	6.317	ng	# 1
50) Dimethylphthalate	9.933	163	97396	2.387	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	76234	8.933	ng	# 20
57) 2,4-Dinitrotoluene	9.933	165	76234	7.271	ng	# 21
67) 4-Bromophenyl-phenylether	10.733	248	41316	3.629	ng	# 1
77) Benzidine	13.039	184	33150	2.038	ng	# 92
85) Di-n-octyl phthalate	14.709	149	361	5.615	ng	# 72

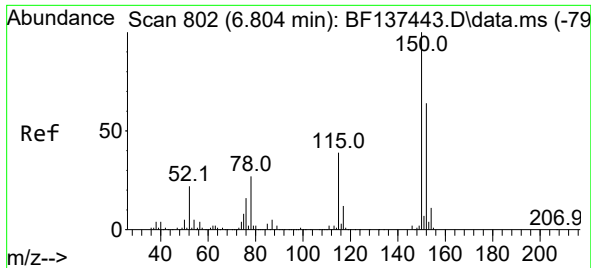
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
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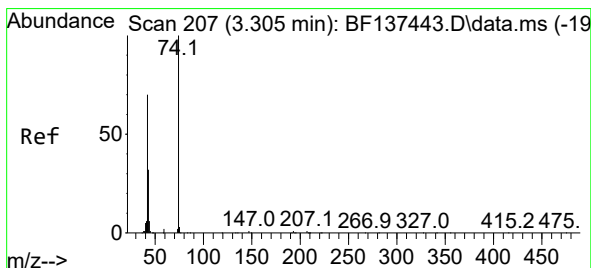
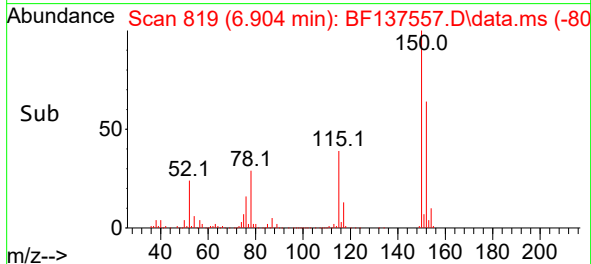
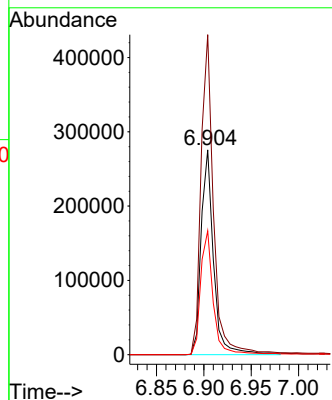
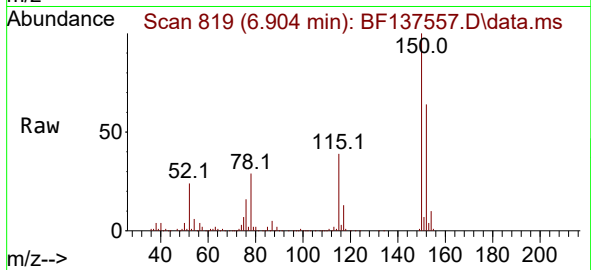




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

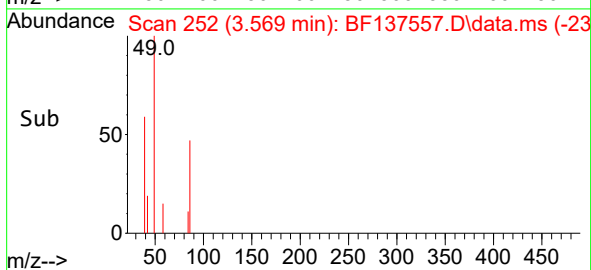
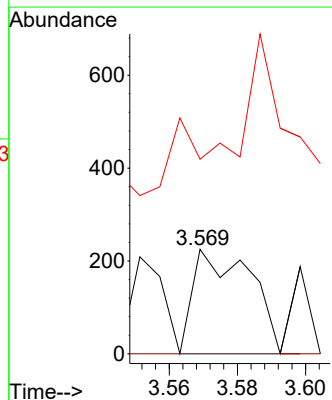
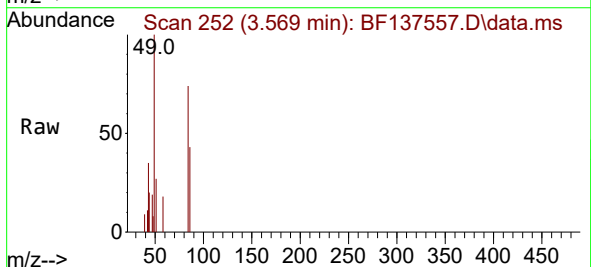
Instrument :
BNA_F
ClientSampleId :
SP-303-20240307

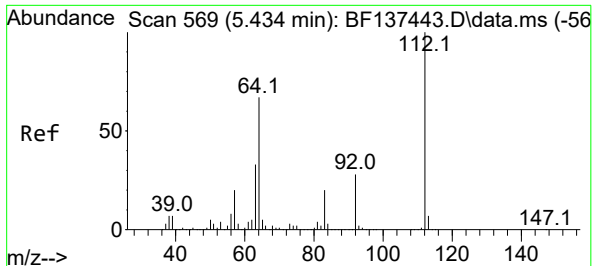
Tgt Ion:152 Resp: 252108
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 60.5 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.836 ng
RT: 3.569 min Scan# 252
Delta R.T. -0.000 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Tgt Ion: 42 Resp: 263
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 186.2 7.0 10.4#

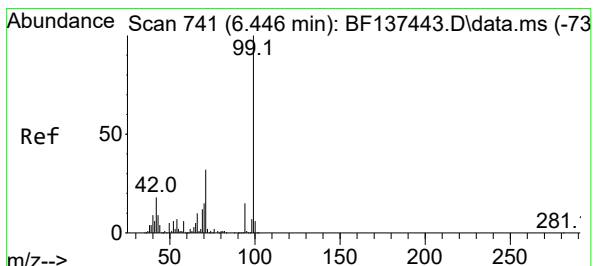
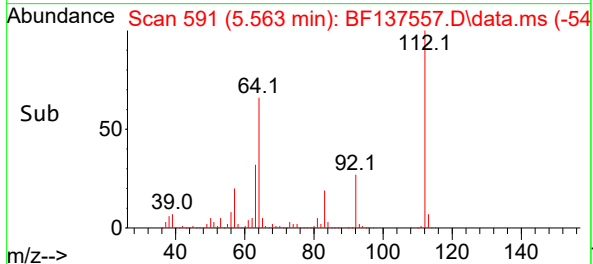
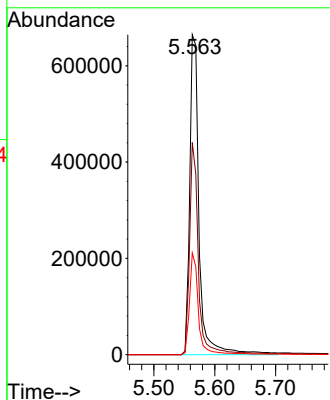
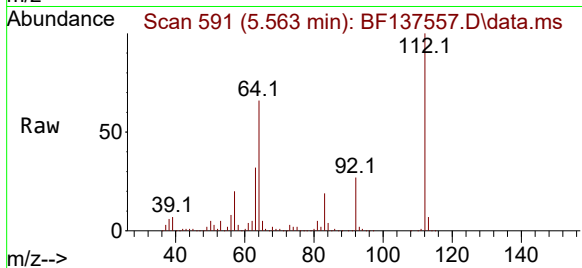




#5
2-Fluorophenol
Concen: 42.817 ng
RT: 5.563 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

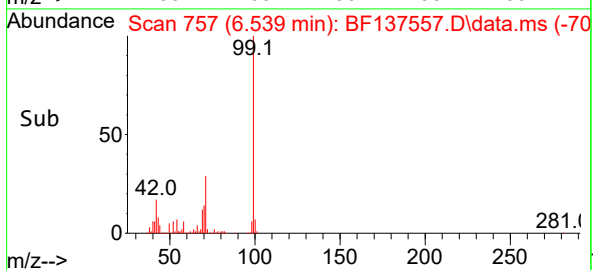
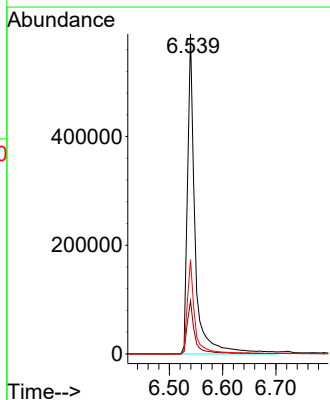
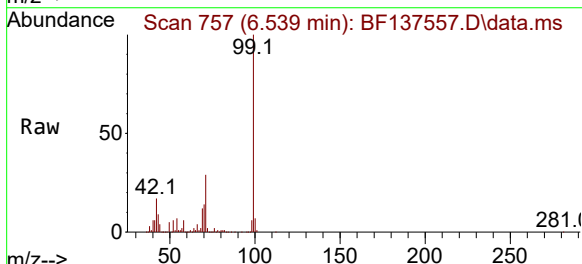
Instrument :
BNA_F
ClientSampleId :
SP-303-20240307

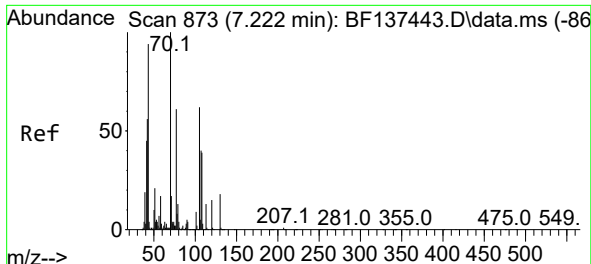
Tgt Ion:112 Resp: 712729
Ion Ratio Lower Upper
112 100
64 66.3 53.4 80.2
63 31.8 26.2 39.2



#7
Phenol-d6
Concen: 24.397 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.018 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Tgt Ion: 99 Resp: 586197
Ion Ratio Lower Upper
99 100
42 16.6 14.6 21.8
71 29.5 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 14.090 ng

RT: 7.463 min Scan# 91

Delta R.T. 0.141 min

Lab File: BF137557.D

Acq: 11 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

SP-303-20240307

Tgt Ion: 70 Resp: 209064

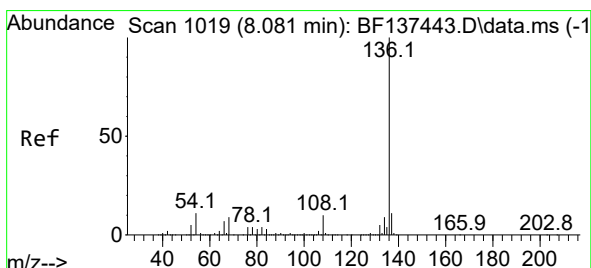
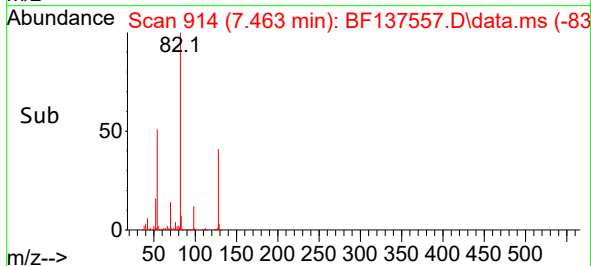
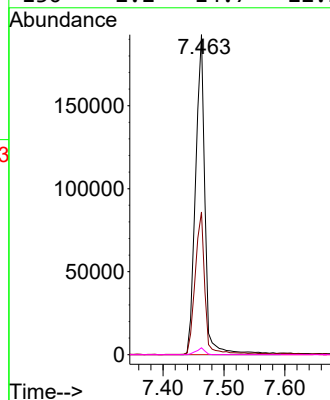
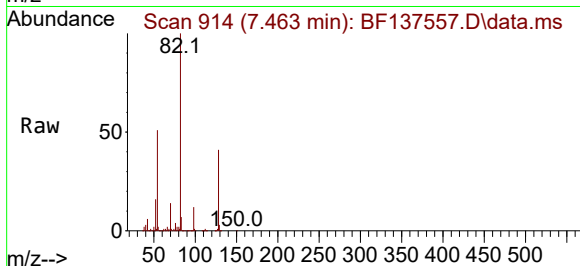
Ion Ratio Lower Upper

70 100

42 44.6 45.2 67.8#

101 0.0 7.3 10.9#

130 2.2 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: BF137557.D

Acq: 11 Mar 2024 15:43

Tgt Ion:136 Resp: 1011072

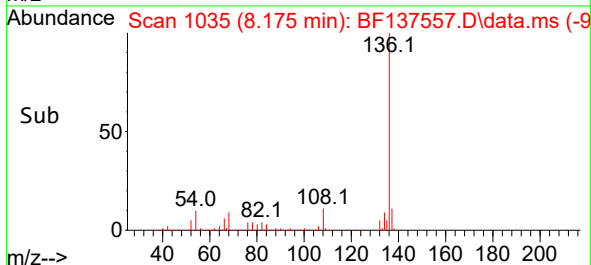
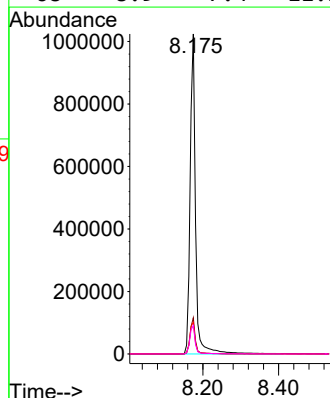
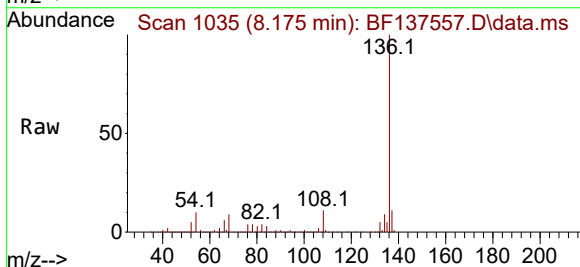
Ion Ratio Lower Upper

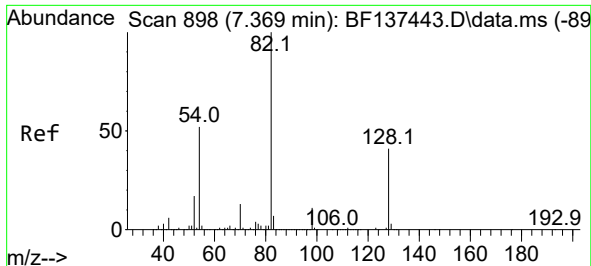
136 100

137 11.3 9.1 13.7

54 9.9 8.5 12.7

68 8.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 72.387 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF137557.D

Acq: 11 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

SP-303-20240307

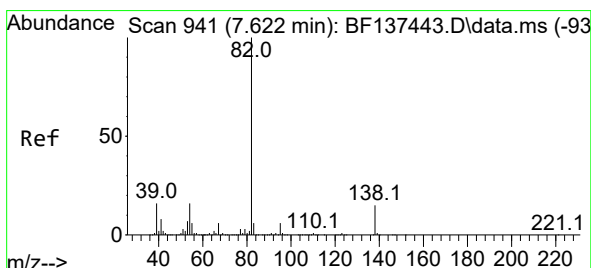
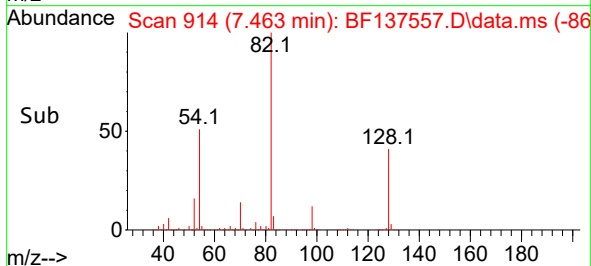
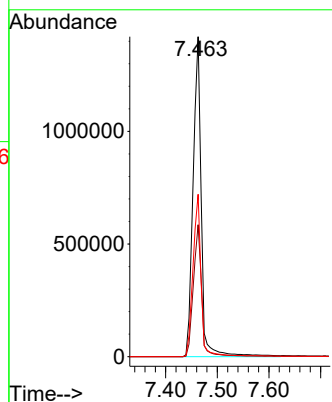
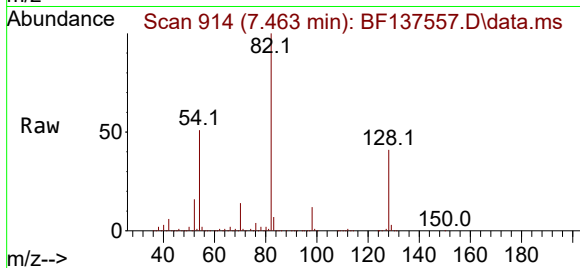
Tgt Ion: 82 Resp: 1575160

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

54 50.7 41.5 62.3



#25

Isophorone

Concen: 38.101 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.259 min

Lab File: BF137557.D

Acq: 11 Mar 2024 15:43

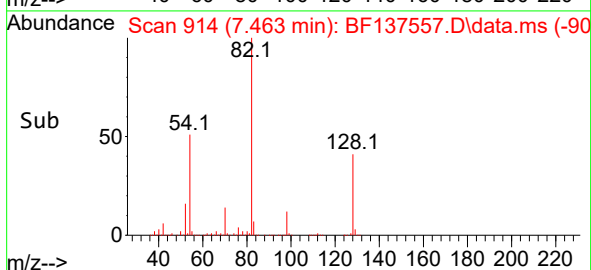
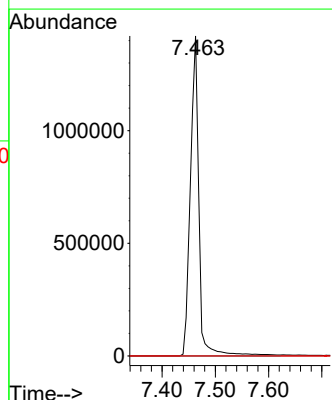
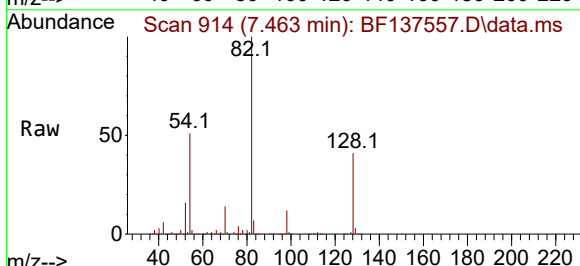
Tgt Ion: 82 Resp: 1575147

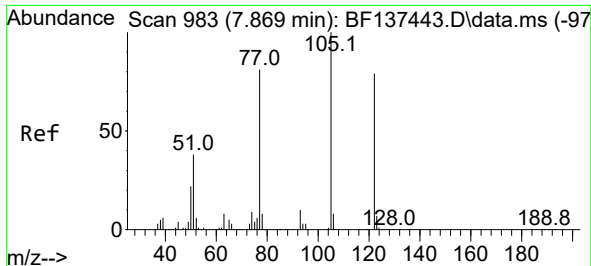
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

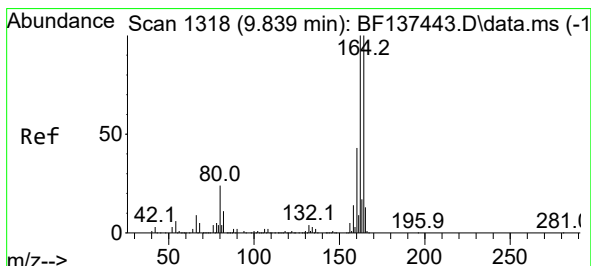
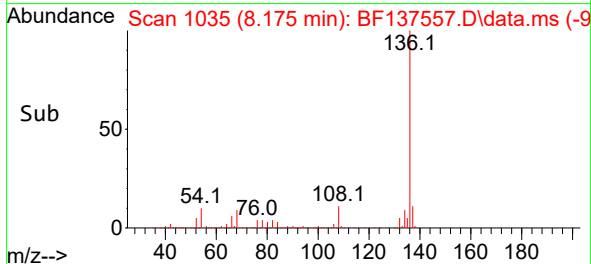
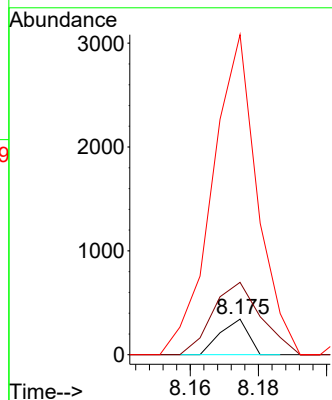
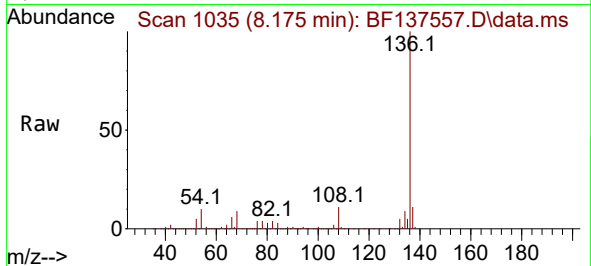




#32
Benzoic acid
Concen: 6.317 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.194 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

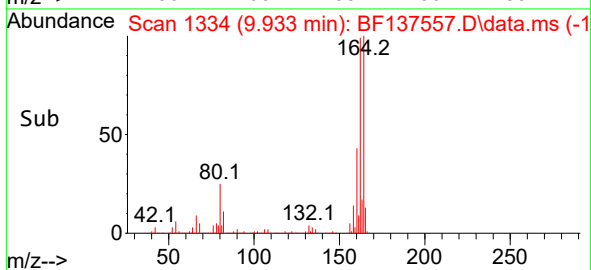
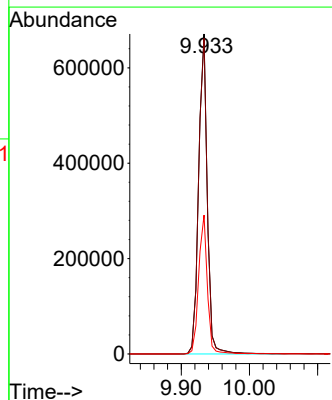
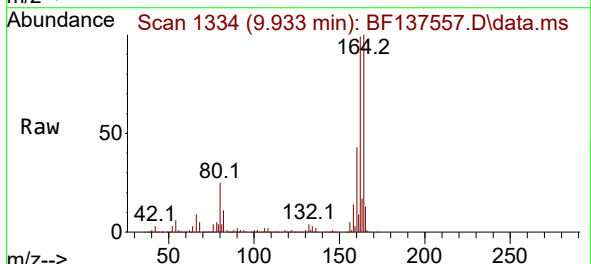
Instrument :
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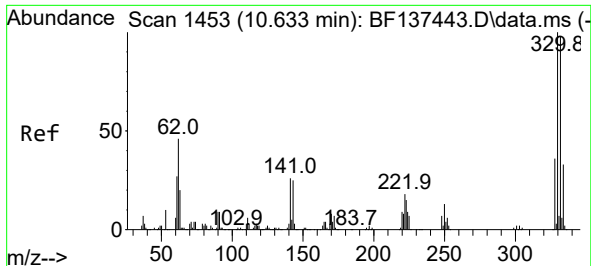
Tgt Ion:122 Resp: 196
Ion Ratio Lower Upper
122 100
105 203.8 102.4 142.4#
77 901.2 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Tgt Ion:164 Resp: 586134
Ion Ratio Lower Upper
164 100
162 98.6 79.8 119.8
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 123.116 ng

RT: 10.733 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137557.D

Acq: 11 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

SP-303-20240307

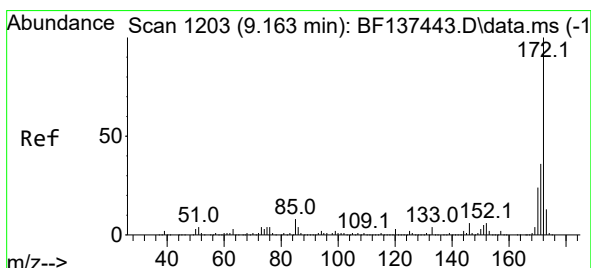
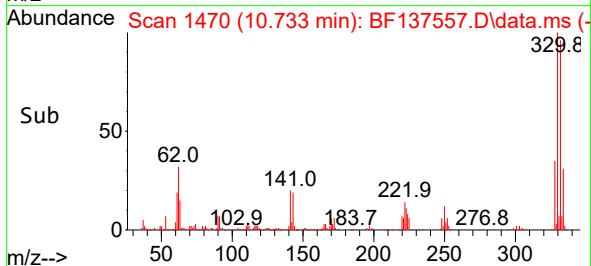
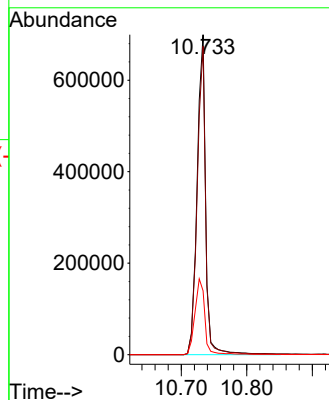
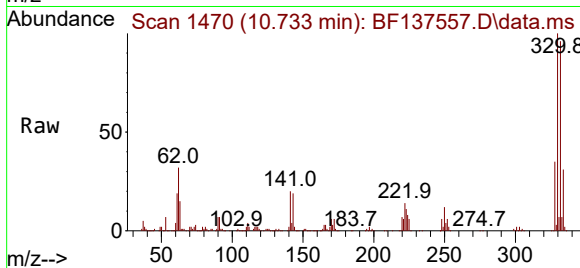
Tgt Ion:330 Resp: 633709

Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

141 27.9 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 69.451 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF137557.D

Acq: 11 Mar 2024 15:43

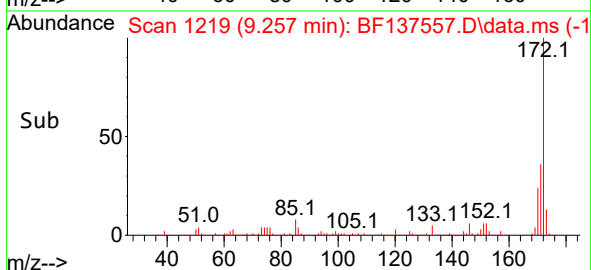
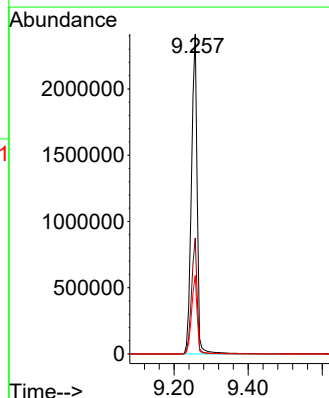
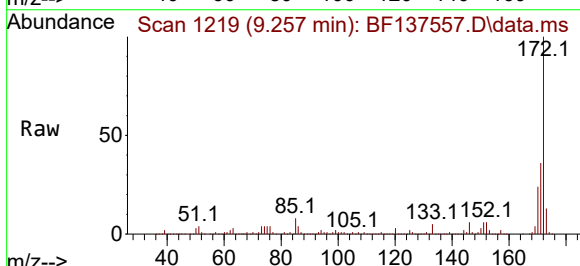
Tgt Ion:172 Resp: 2600509

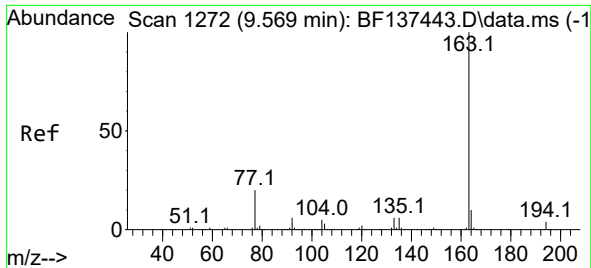
Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 24.5 19.0 28.6

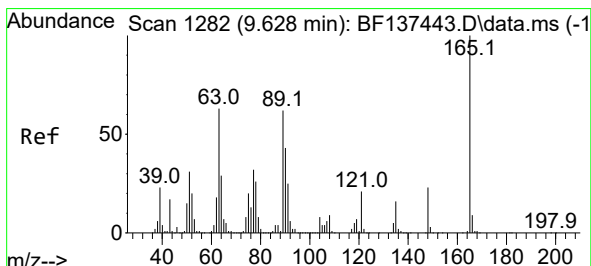
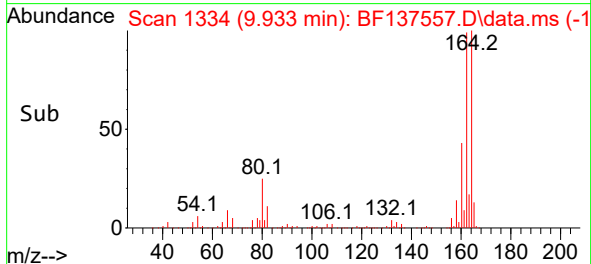
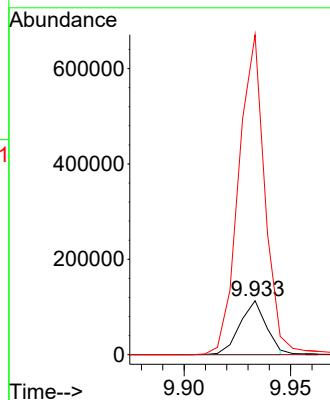
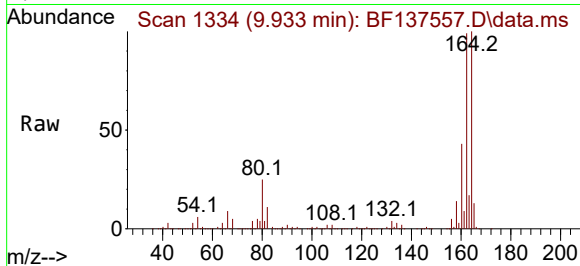




#50
Dimethylphthalate
Concen: 2.387 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.265 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

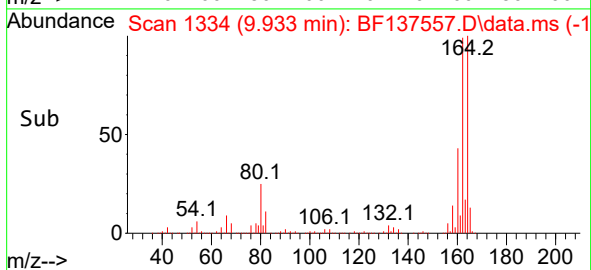
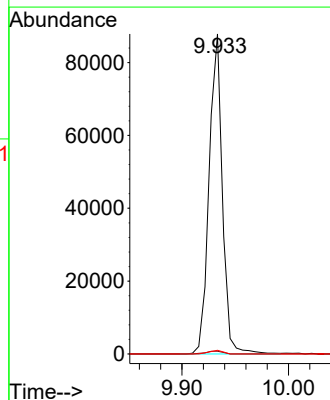
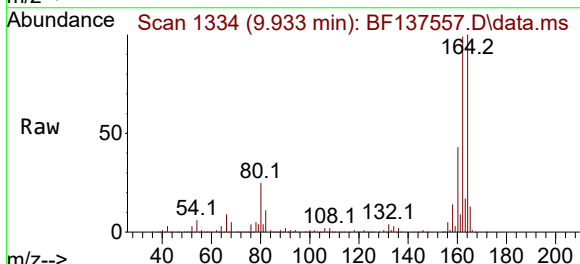
Instrument :
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SP-303-20240307

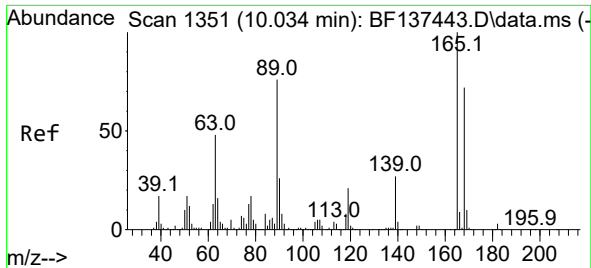
Tgt Ion:163 Resp: 97396
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 593.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.933 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.206 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Tgt Ion:165 Resp: 76234
Ion Ratio Lower Upper
165 100
63 0.8 50.7 76.1#
89 1.2 50.0 75.0#

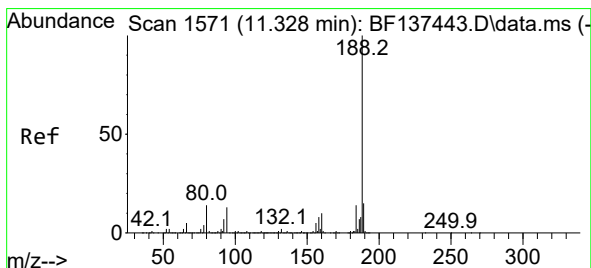
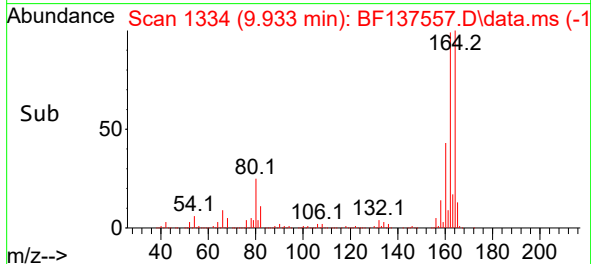
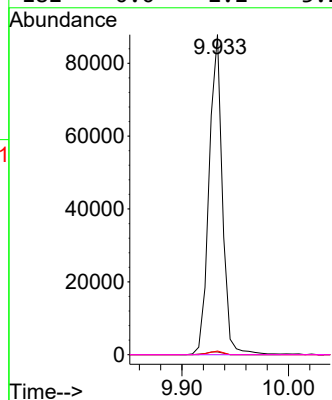
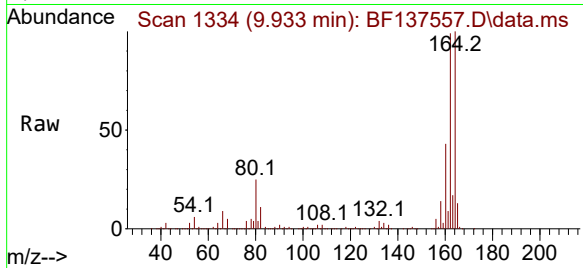




#57
2,4-Dinitrotoluene
Concen: 7.271 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

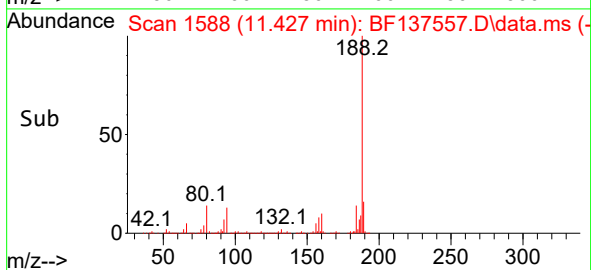
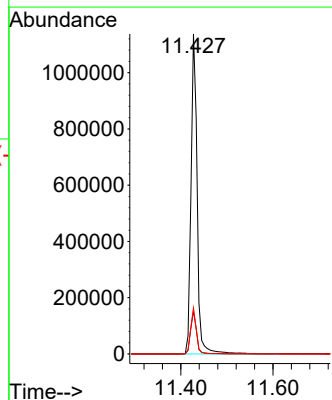
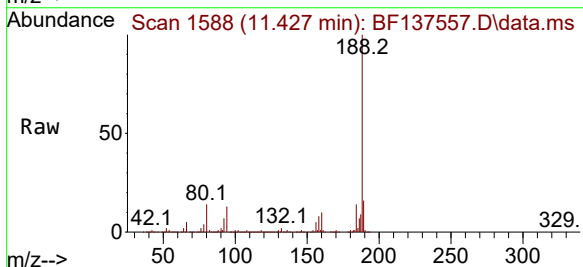
Instrument :
BNA_F
ClientSampleId :
SP-303-20240307

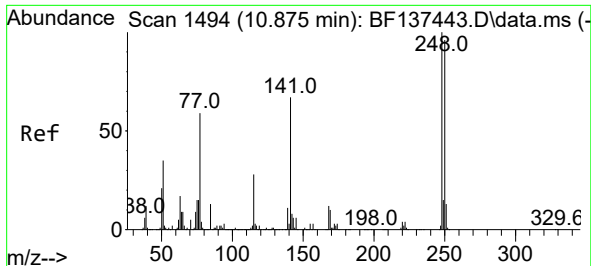
Tgt Ion:165 Resp: 76234
Ion Ratio Lower Upper
165 100
63 0.8 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Tgt Ion:188 Resp: 1045182
Ion Ratio Lower Upper
188 100
94 13.4 10.6 15.8
80 14.4 11.5 17.3

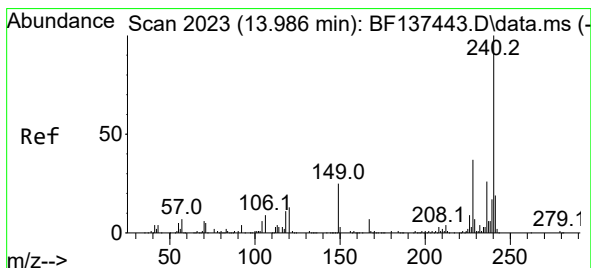
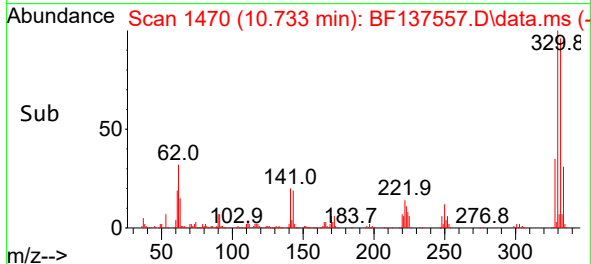
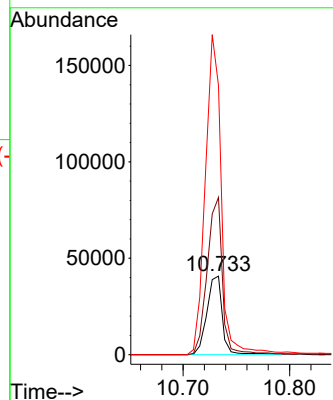
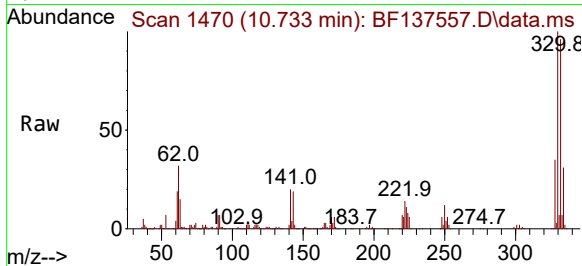




#67
4-Bromophenyl-phenylether
Concen: 3.629 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

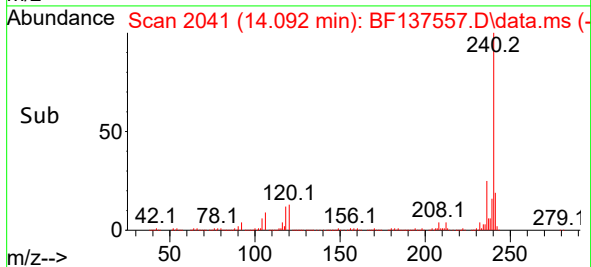
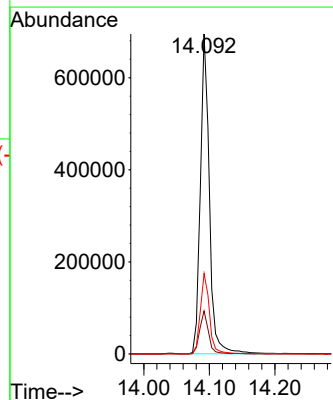
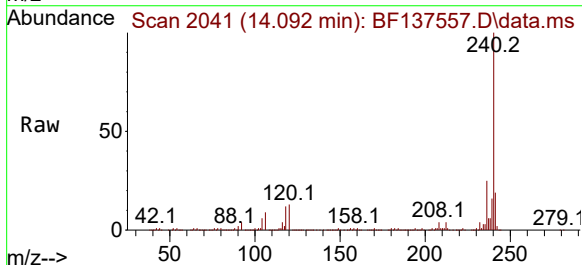
Instrument :
BNA_F
ClientSampleId :
SP-303-20240307

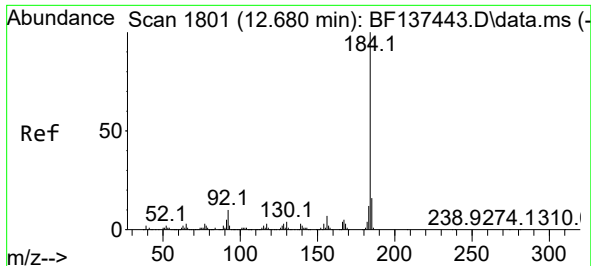
Tgt Ion:248 Resp: 41316
Ion Ratio Lower Upper
248 100
250 200.1 76.8 115.2#
141 342.5 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Tgt Ion:240 Resp: 664748
Ion Ratio Lower Upper
240 100
120 13.5 10.4 15.6
236 25.2 20.9 31.3

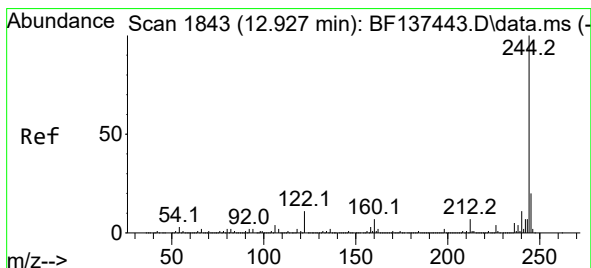
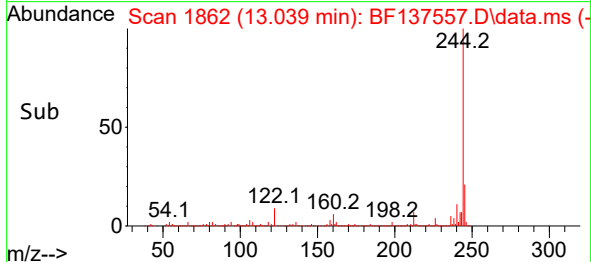
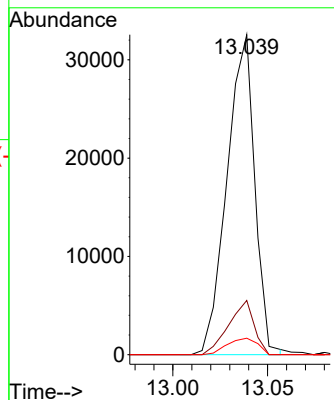
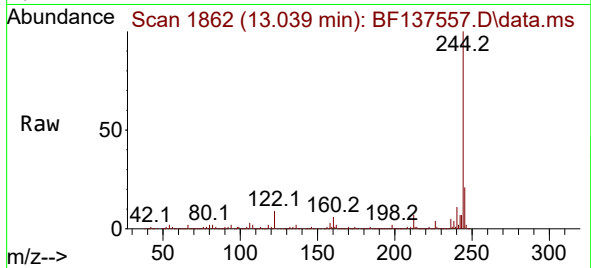




#77
Benzidine
Concen: 2.038 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.253 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

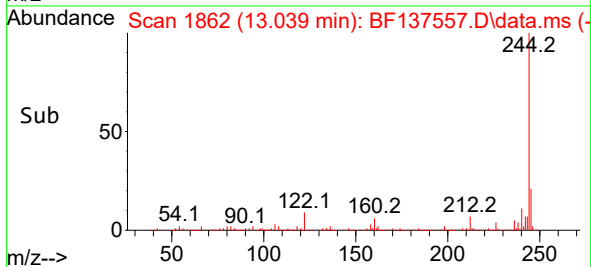
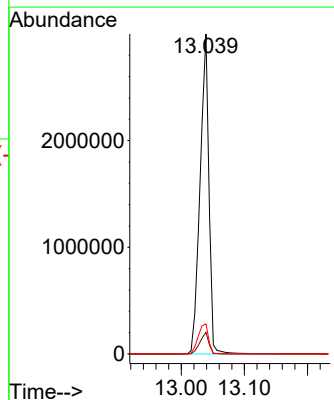
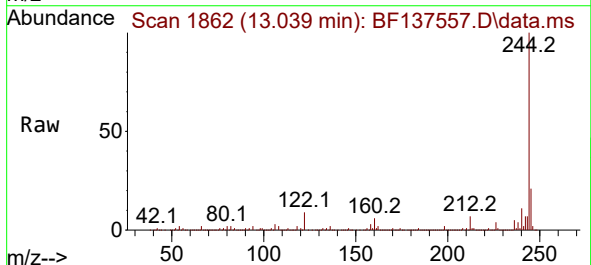
Instrument :
BNA_F
ClientSampleId :
SP-303-20240307

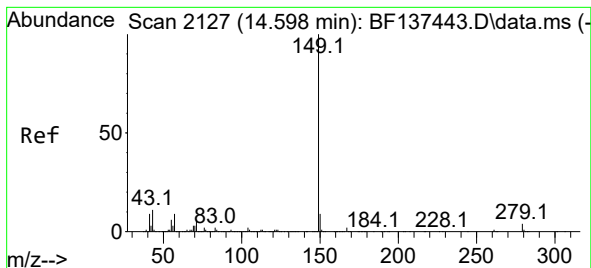
Tgt Ion:184 Resp: 33150
Ion Ratio Lower Upper
184 100
185 17.0 13.2 19.8
183 5.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 60.264 ng
RT: 13.039 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Tgt Ion:244 Resp: 2913262
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.4 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.615 ng

RT: 14.709 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF137557.D

Acq: 11 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

SP-303-20240307

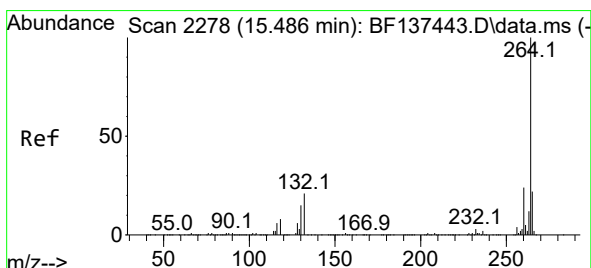
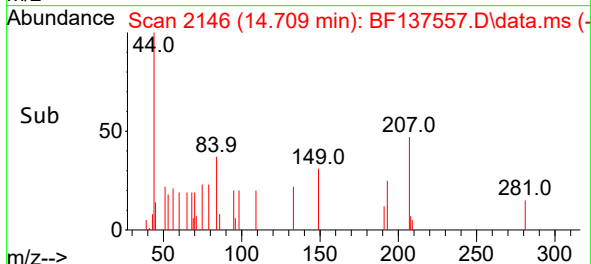
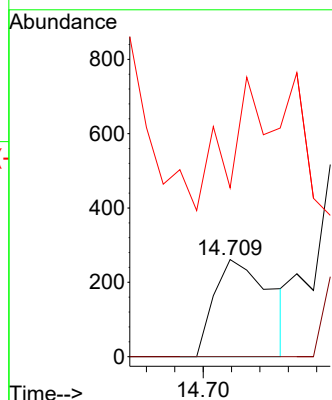
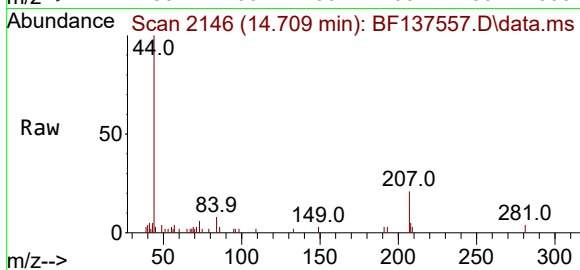
Tgt Ion:149 Resp: 361

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: BF137557.D

Acq: 11 Mar 2024 15:43

Tgt Ion:264 Resp: 533166

Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 22.2 17.4 26.0

