

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137564.D
 Acq On : 11 Mar 2024 19:18
 Operator : CG\JU
 Sample : P1722-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MG-COMP

Quant Time: Mar 12 02:07:14 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)

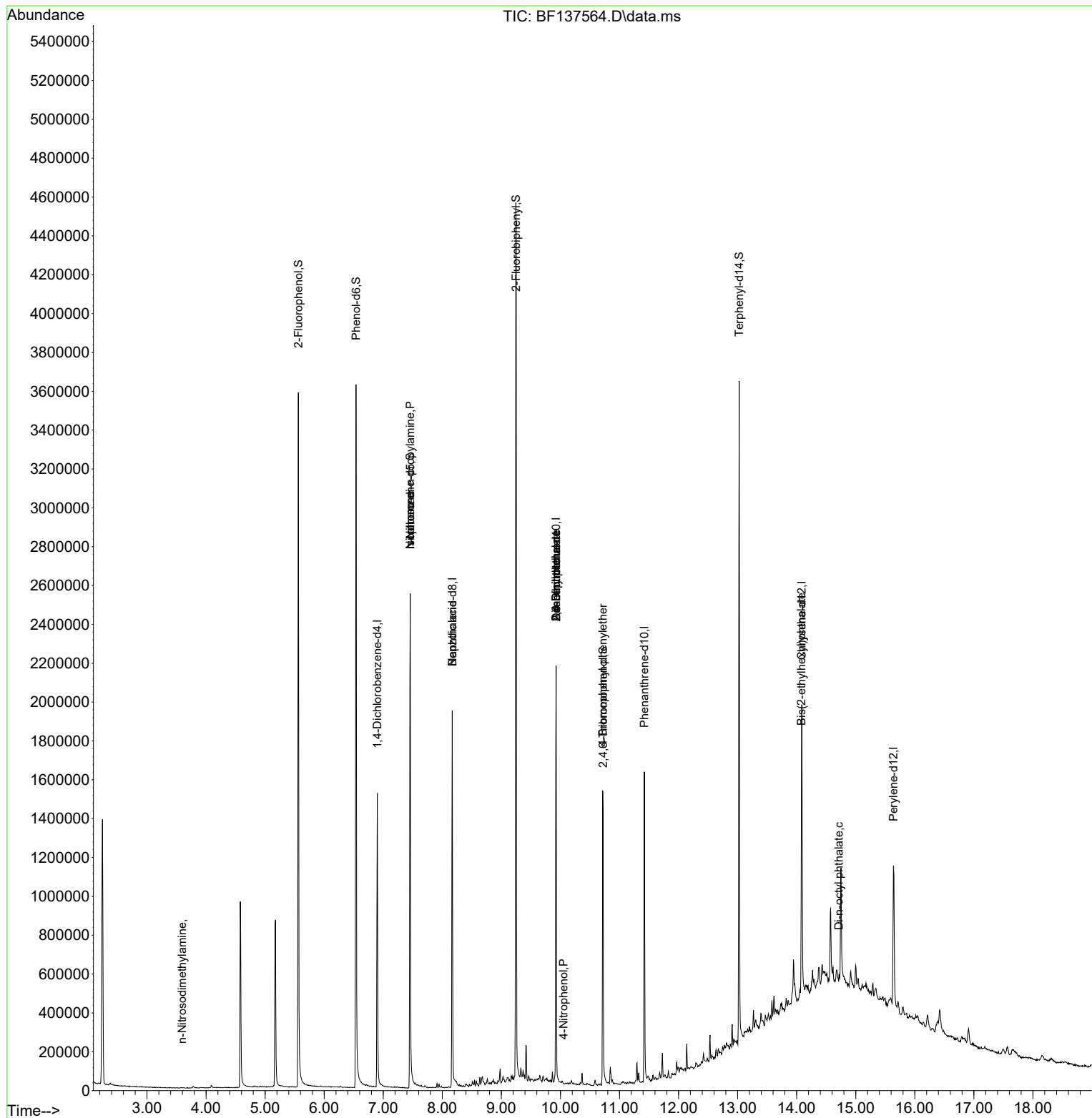
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	216566	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	845512	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	429767	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	565549	20.000	ng	-0.01
76) Chrysene-d12	14.086	240	398498	20.000	ng	-0.01
86) Perylene-d12	15.639	264	398698	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	947651	66.273	ng	0.00
7) Phenol-d6	6.540	99	1418797	68.739	ng	-0.02
23) Nitrobenzene-d5	7.457	82	924278	50.793	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	180633	47.861	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1527326	55.631	ng	0.00
79) Terphenyl-d14	13.027	244	1149330	39.660	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.593	42	278	3.842	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	119530	9.378	ng	# 79
25) Isophorone	7.457	82	924205	26.733	ng	# 69
32) Benzoic acid	8.169	122	152	6.316	ng	# 1
50) Dimethylphthalate	9.928	163	71092	2.376	ng	# 1
51) 2,6-Dinitrotoluene	9.928	165	54854	8.766	ng	# 20
56) 4-Nitrophenol	10.051	139	211	4.569	ng	# 1
57) 2,4-Dinitrotoluene	9.928	165	54854	7.135	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	13081	2.124	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.080	149	183465	14.455	ng	97
85) Di-n-octyl phthalate	14.715	149	10612	5.990	ng	# 72

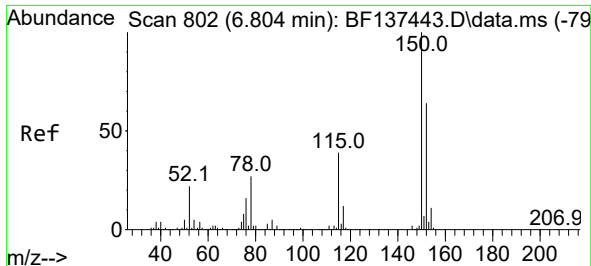
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
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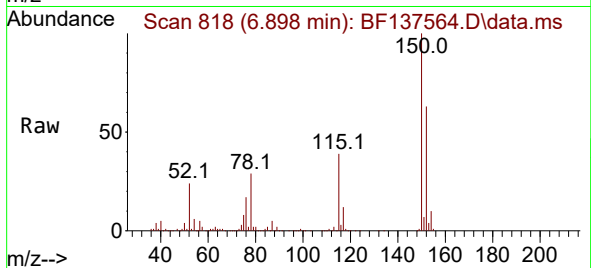
Quant Time: Mar 12 02:07:14 2024
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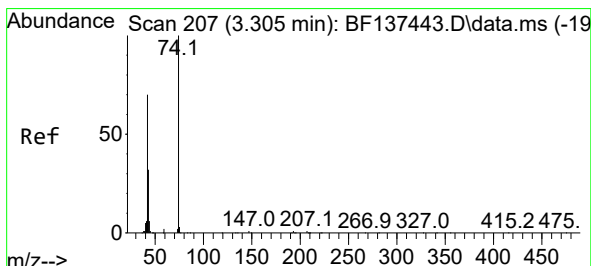
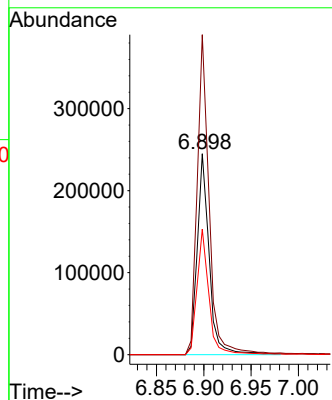
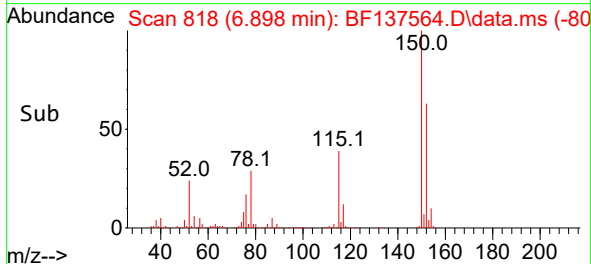


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

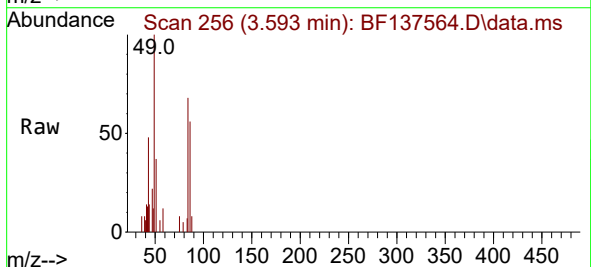
Instrument :
BNA_F
ClientSampleId :
MG-COMP



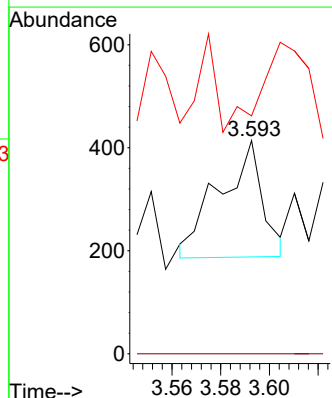
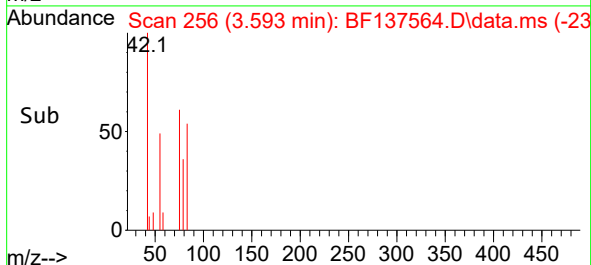
Tgt Ion:152 Resp: 216566
Ion Ratio Lower Upper
152 100
150 159.2 125.8 188.6
115 62.5 48.8 73.2

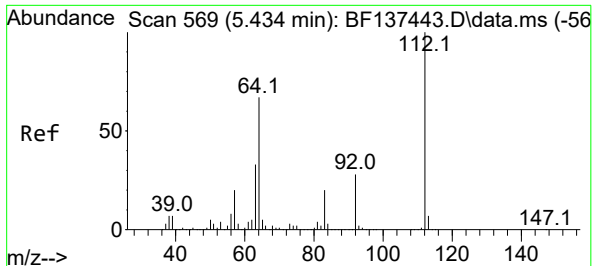


#4
n-Nitrosodimethylamine
Concen: 3.842 ng
RT: 3.593 min Scan# 256
Delta R.T. 0.023 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18



Tgt Ion: 42 Resp: 278
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 111.6 7.0 10.4#

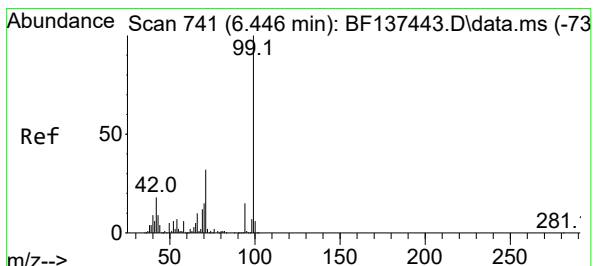
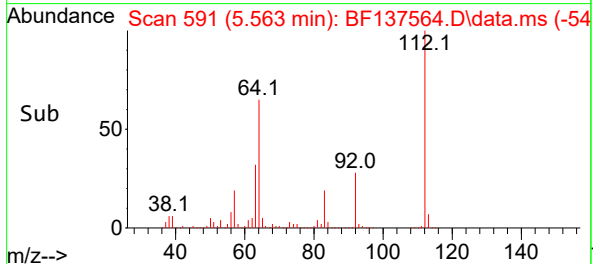
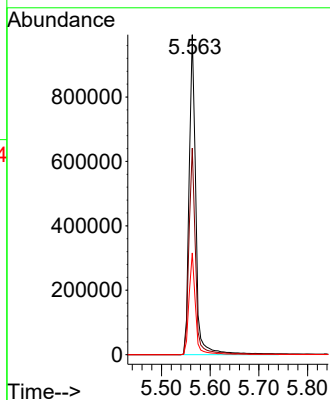
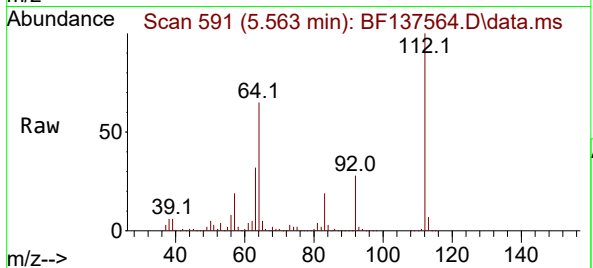




#5
2-Fluorophenol
Concen: 66.273 ng
RT: 5.563 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

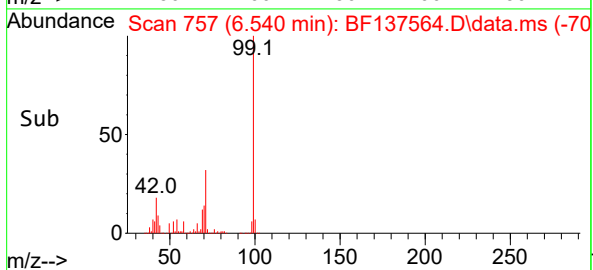
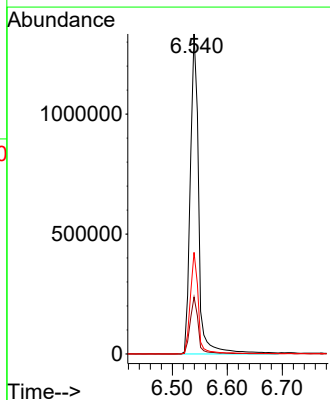
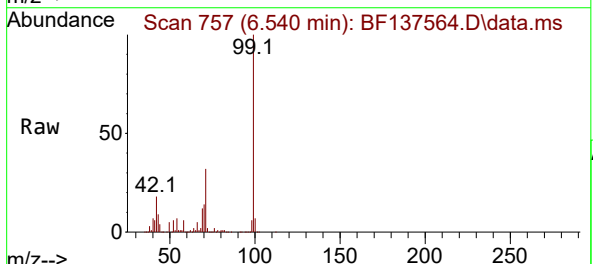
Instrument :
BNA_F
ClientSampleId :
MG-COMP

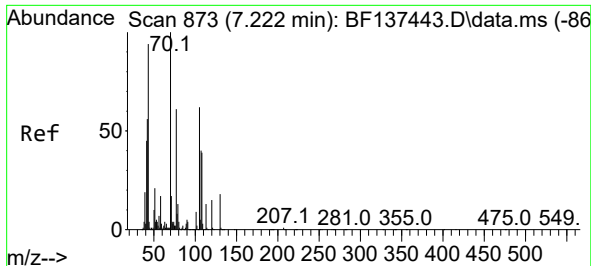
Tgt Ion:112 Resp: 947651
Ion Ratio Lower Upper
112 100
64 64.6 53.4 80.2
63 31.8 26.2 39.2



#7
Phenol-d6
Concen: 68.739 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.018 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

Tgt Ion: 99 Resp: 1418797
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 31.7 25.3 37.9

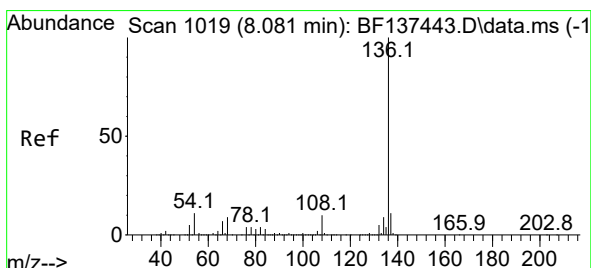
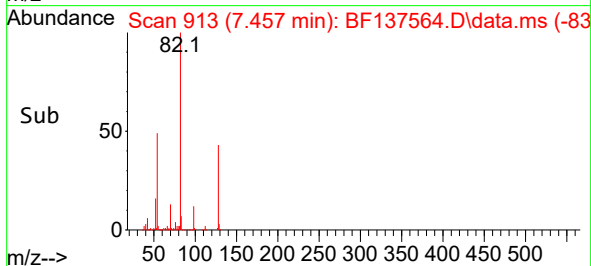
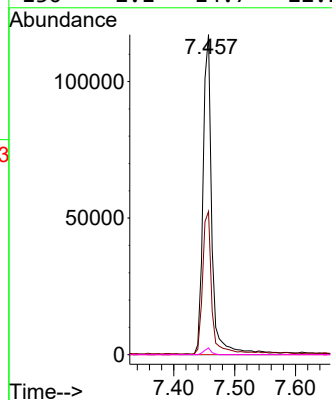
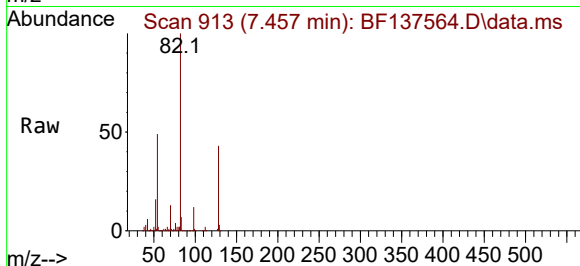




#19
n-Nitroso-di-n-propylamine
Concen: 9.378 ng
RT: 7.457 min Scan# 91
Delta R.T. 0.135 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

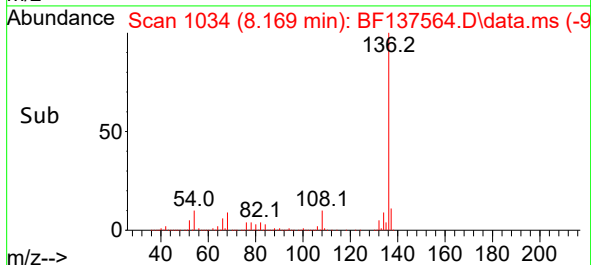
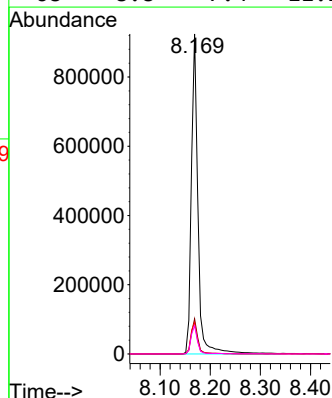
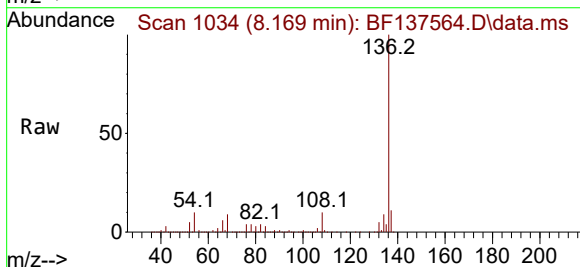
Instrument :
BNA_F
ClientSampleId :
MG-COMP

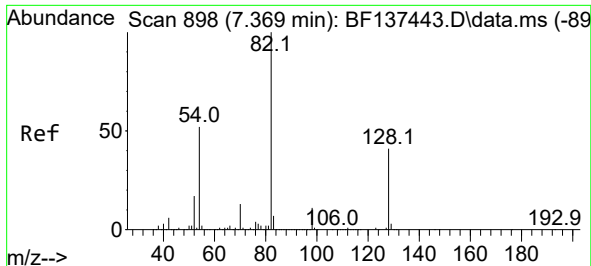
Tgt Ion: 70 Resp: 119530
Ion Ratio Lower Upper
70 100
42 44.8 45.2 67.8#
101 0.0 7.3 10.9#
130 2.1 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

Tgt Ion:136 Resp: 845512
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.8 8.5 12.7
68 8.8 7.4 11.2





#23

Nitrobenzene-d5

Concen: 50.793 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF137564.D

Acq: 11 Mar 2024 19:18

Instrument :

BNA_F

ClientSampleId :

MG-COMP

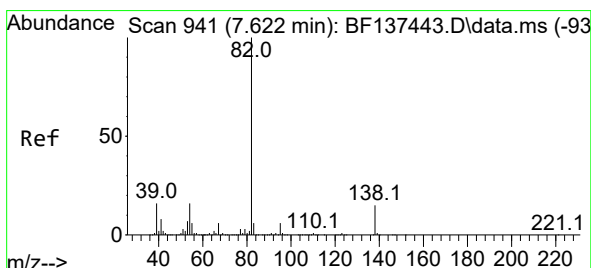
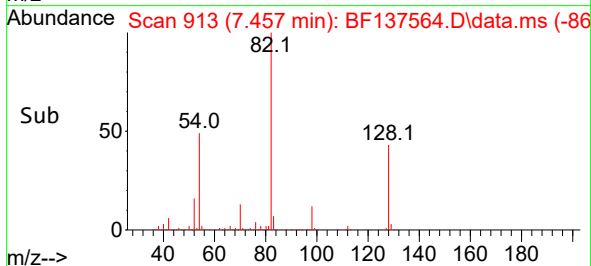
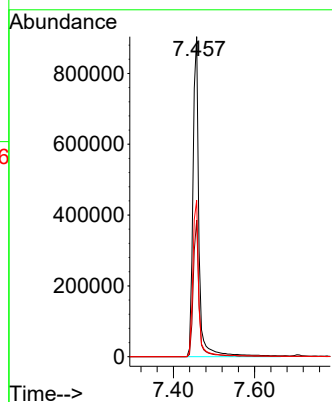
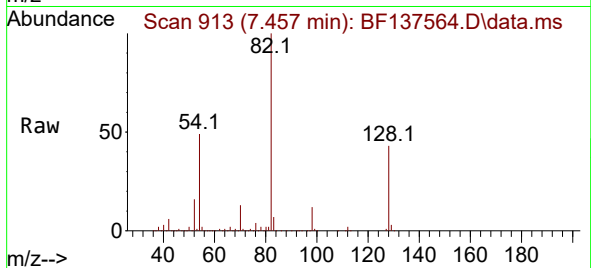
Tgt Ion: 82 Resp: 924278

Ion Ratio Lower Upper

82 100

128 42.7 32.5 48.7

54 48.8 41.5 62.3



#25

Isophorone

Concen: 26.733 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.265 min

Lab File: BF137564.D

Acq: 11 Mar 2024 19:18

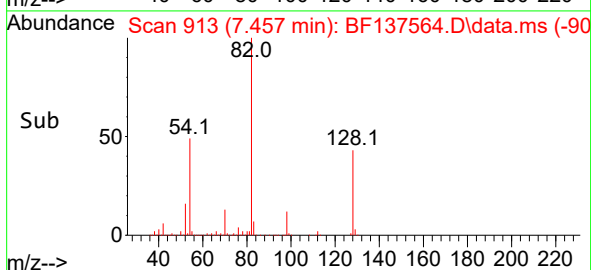
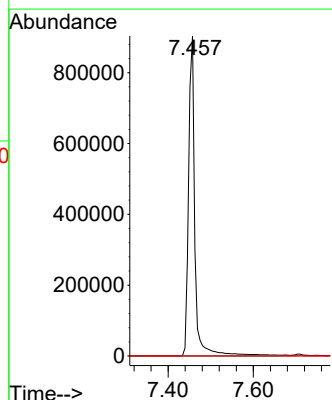
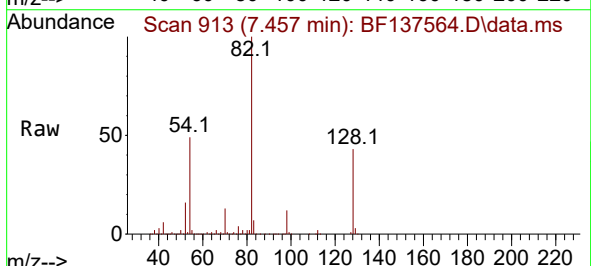
Tgt Ion: 82 Resp: 924205

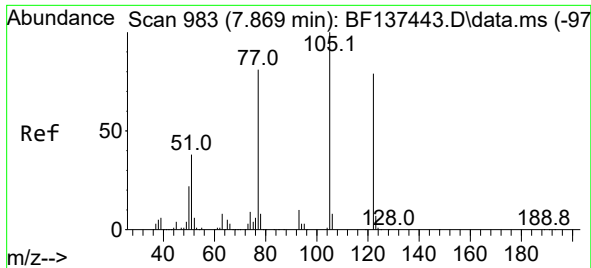
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

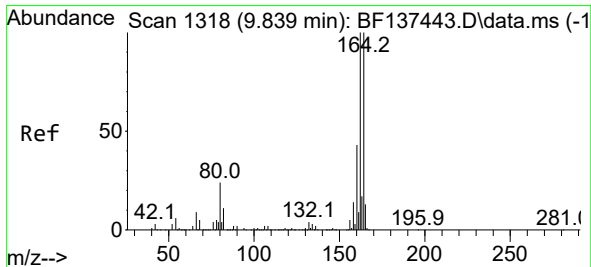
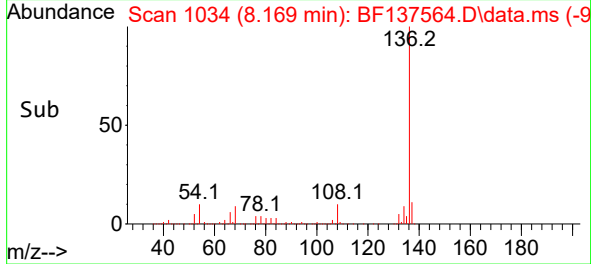
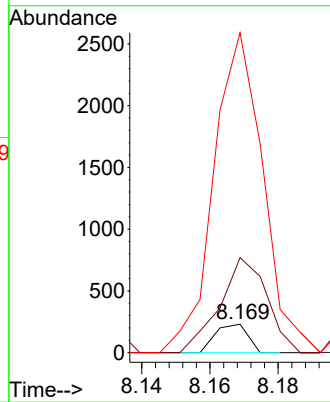
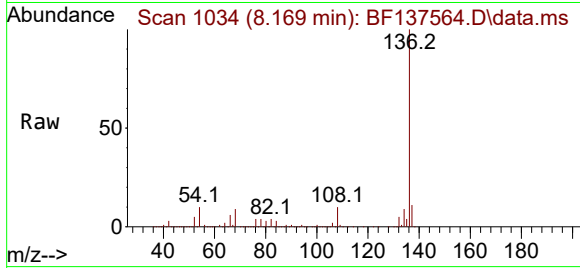




#32
Benzoic acid
Concen: 6.316 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.188 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

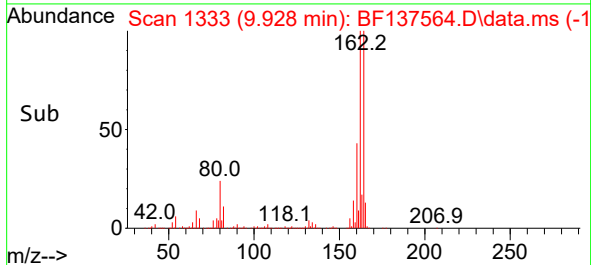
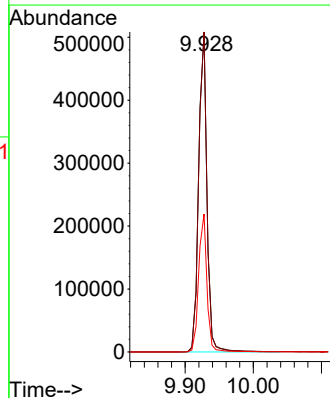
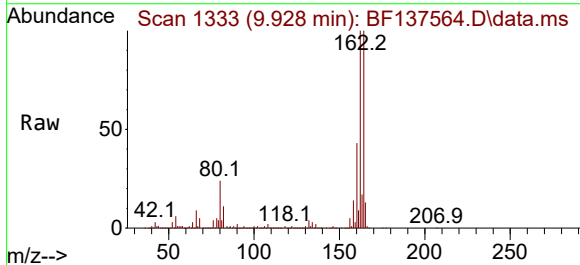
Instrument :
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ClientSampleId :
MG-COMP

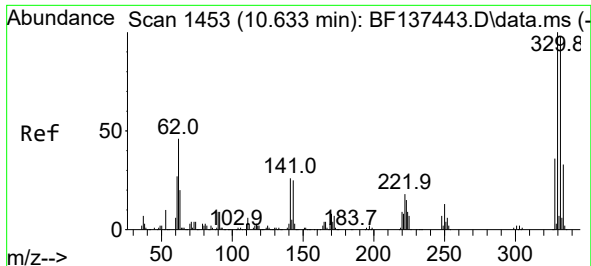
Tgt Ion:122 Resp: 152
Ion Ratio Lower Upper
122 100
105 333.3 102.4 142.4#
77 1121.6 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

Tgt Ion:164 Resp: 429767
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 43.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 47.861 ng

RT: 10.722 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137564.D

Acq: 11 Mar 2024 19:18

Instrument :

BNA_F

ClientSampleId :

MG-COMP

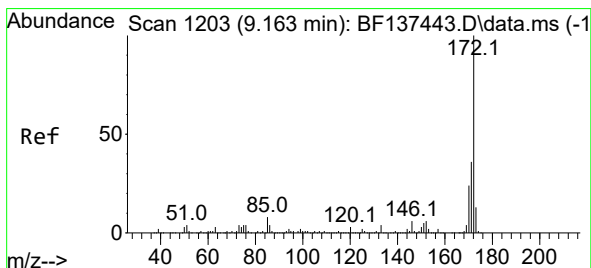
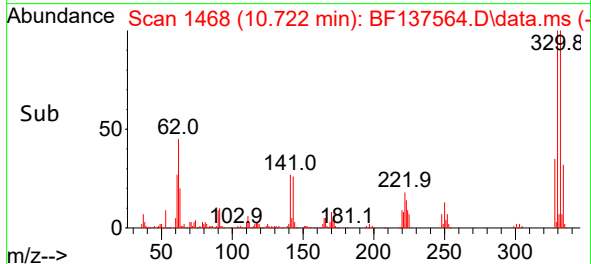
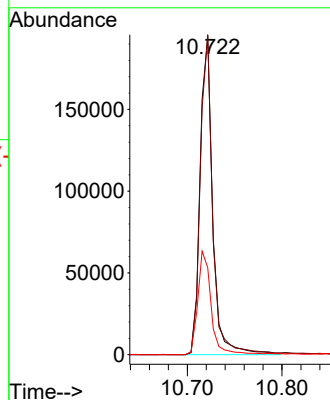
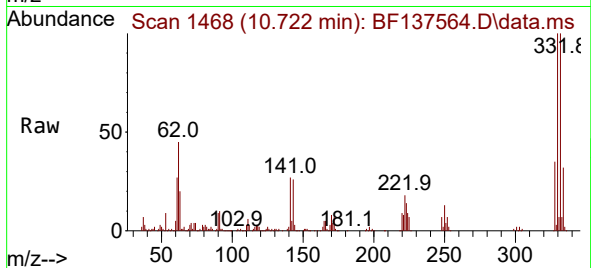
Tgt Ion:330 Resp: 180633

Ion Ratio Lower Upper

330 100

332 98.9 78.0 117.0

141 34.8 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 55.631 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF137564.D

Acq: 11 Mar 2024 19:18

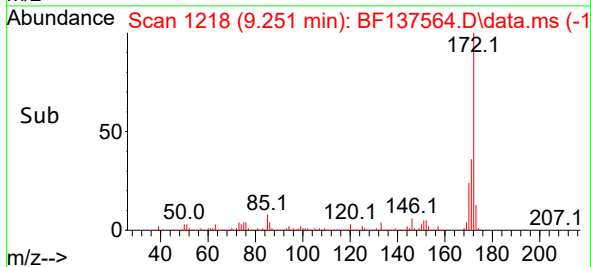
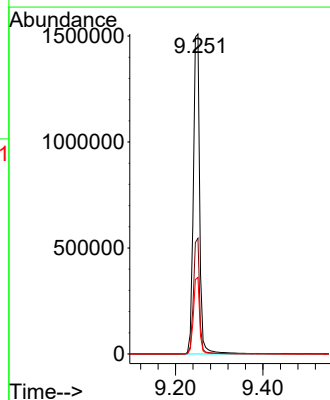
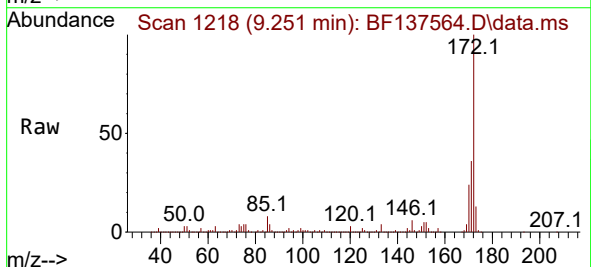
Tgt Ion:172 Resp: 1527326

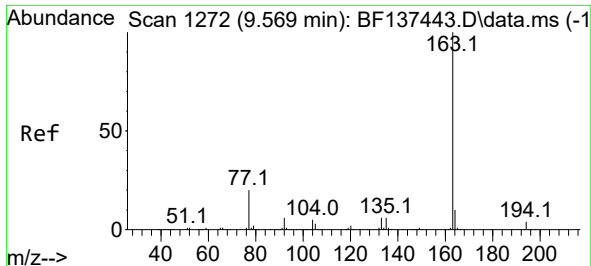
Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 24.0 19.0 28.6

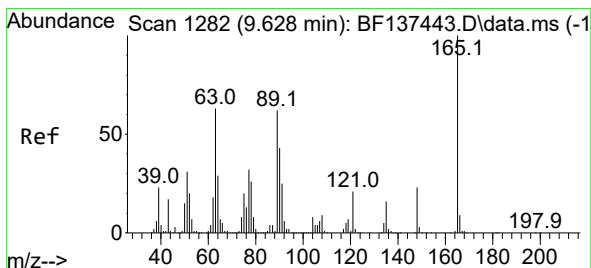
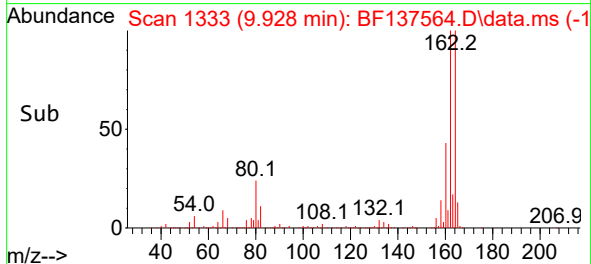
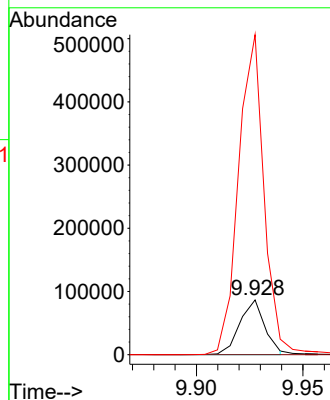
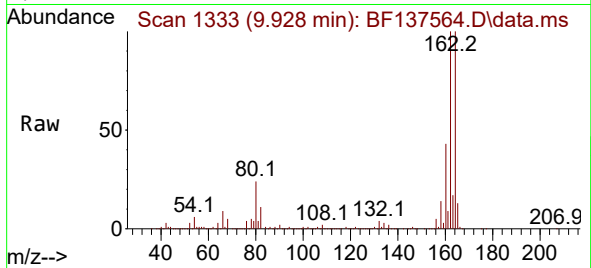




#50
Dimethylphthalate
Concen: 2.376 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.259 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

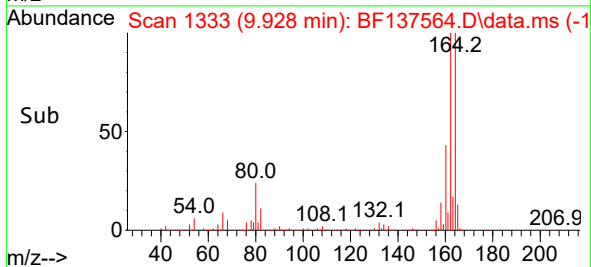
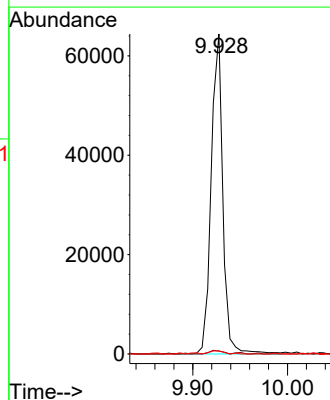
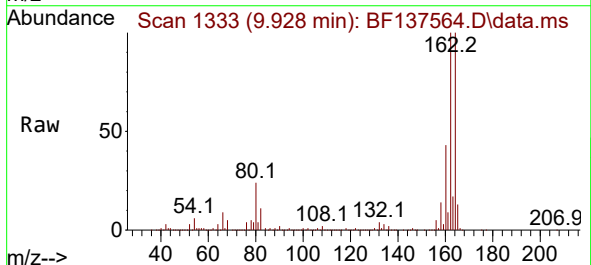
Instrument :
BNA_F
ClientSampleId :
MG-COMP

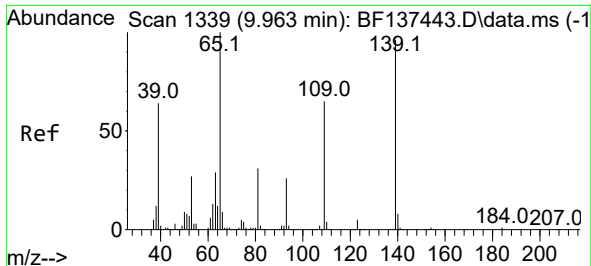
Tgt Ion:163 Resp: 71092
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 585.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.766 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.200 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

Tgt Ion:165 Resp: 54854
Ion Ratio Lower Upper
165 100
63 0.9 50.7 76.1#
89 1.0 50.0 75.0#

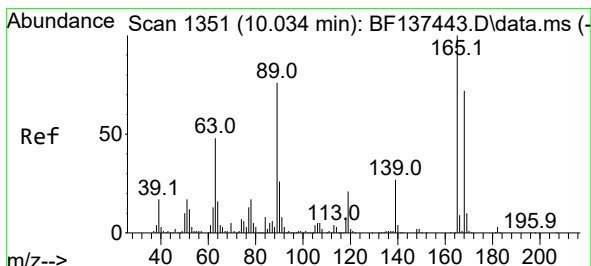
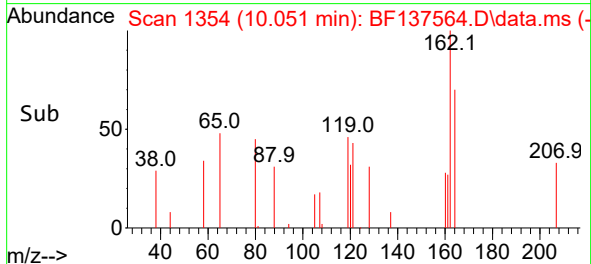
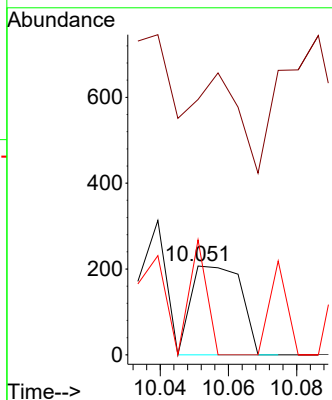
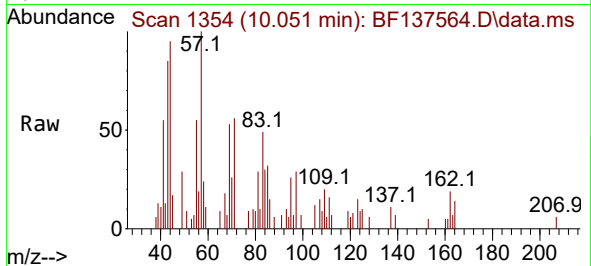




#56
4-Nitrophenol
Concen: 4.569 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

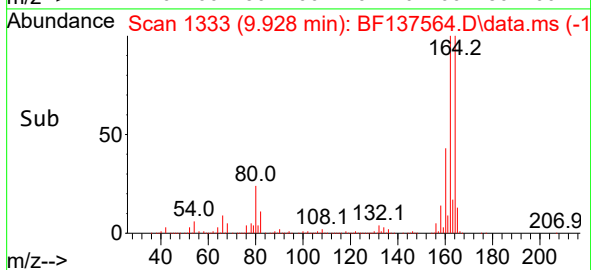
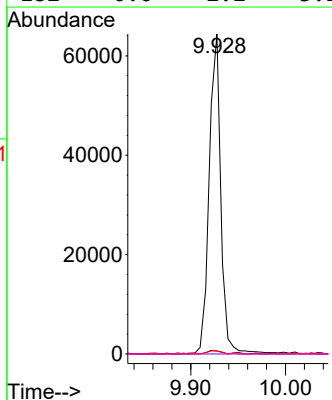
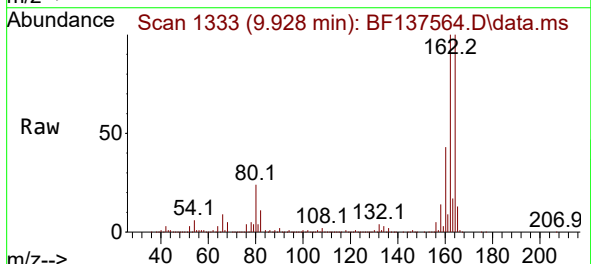
Instrument :
BNA_F
ClientSampleId :
MG-COMP

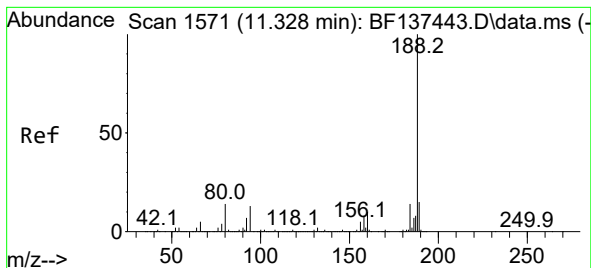
Tgt Ion:139 Resp: 211
Ion Ratio Lower Upper
139 100
109 287.4 47.1 87.1#
65 129.5 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.135 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.206 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

Tgt Ion:165 Resp: 54854
Ion Ratio Lower Upper
165 100
63 0.9 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: 11.422 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF137564.D

Acq: 11 Mar 2024 19:18

Instrument :

BNA_F

ClientSampleId :

MG-COMP

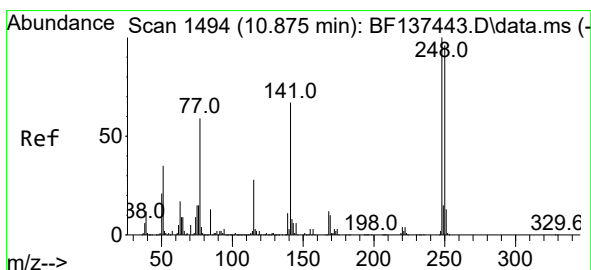
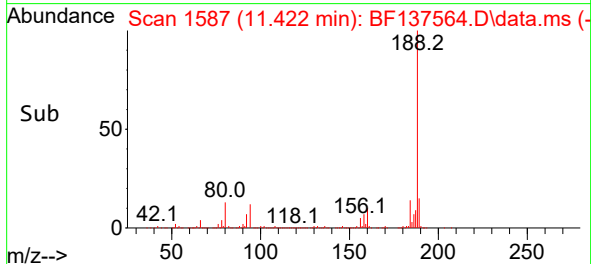
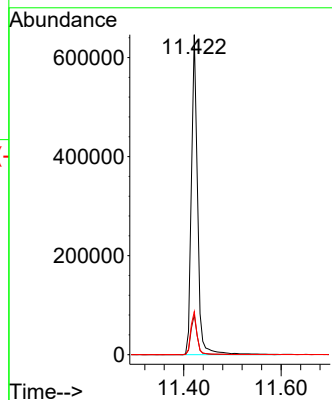
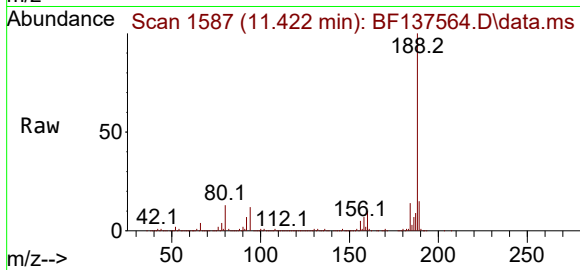
Tgt Ion:188 Resp: 565549

Ion Ratio Lower Upper

188 100

94 12.4 10.6 15.8

80 13.4 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 2.124 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.259 min

Lab File: BF137564.D

Acq: 11 Mar 2024 19:18

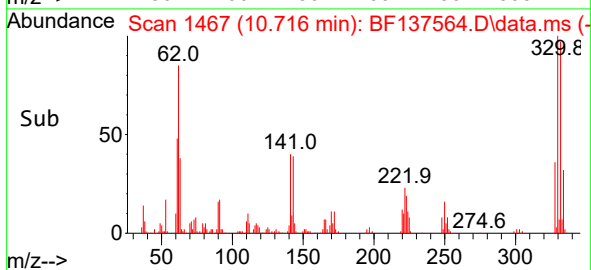
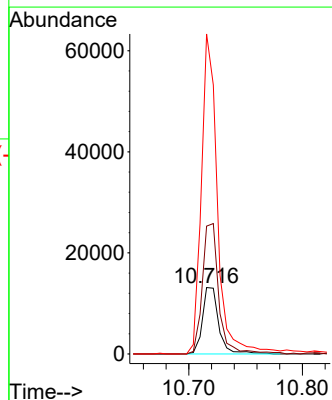
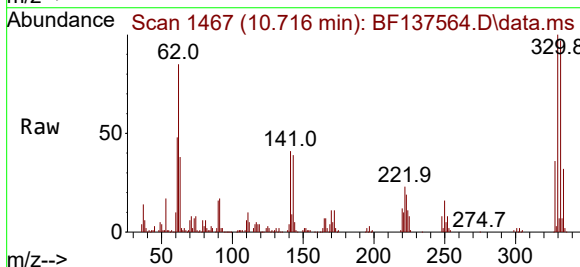
Tgt Ion:248 Resp: 13081

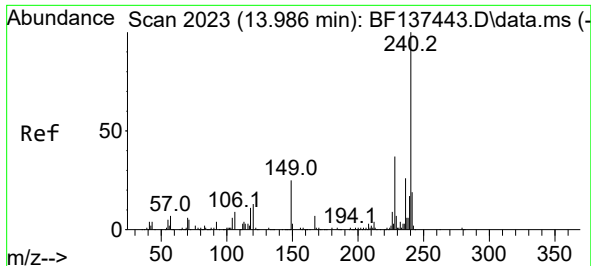
Ion Ratio Lower Upper

248 100

250 192.6 76.8 115.2#

141 481.9 53.4 80.0#

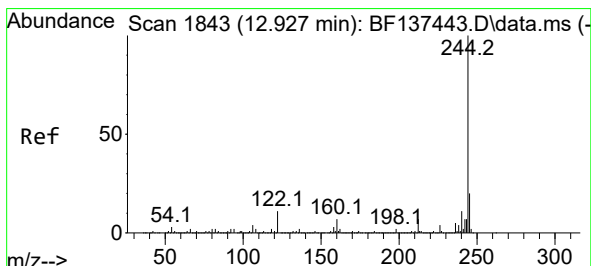
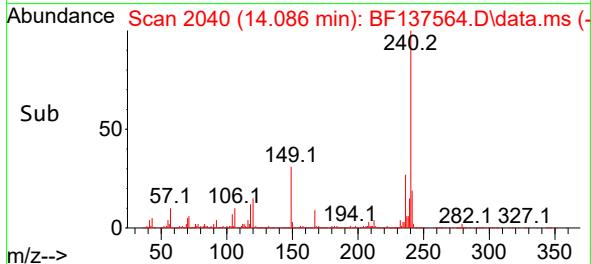
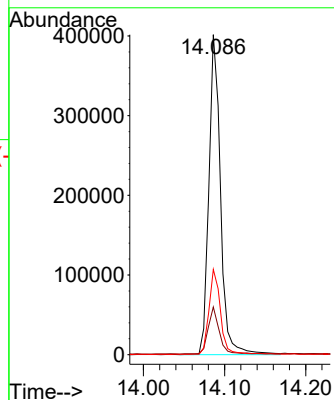
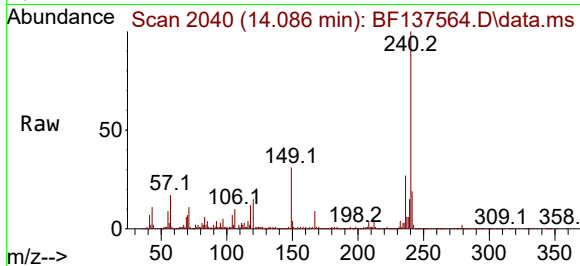




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

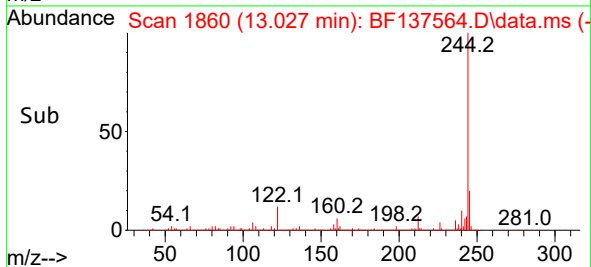
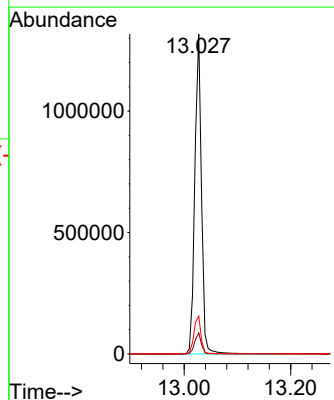
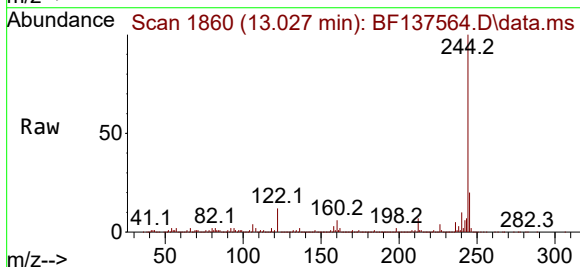
Instrument :
BNA_F
ClientSampleId :
MG-COMP

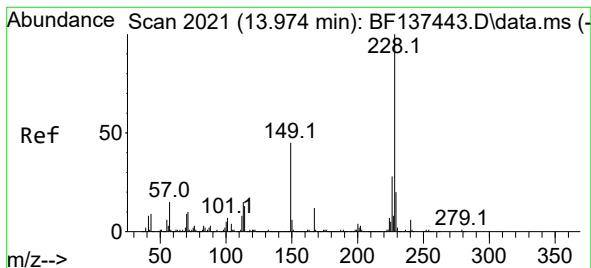
Tgt Ion:240 Resp: 398498
Ion Ratio Lower Upper
240 100
120 14.9 10.4 15.6
236 26.7 20.9 31.3



#79
Terphenyl-d14
Concen: 39.660 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BF137564.D
Acq: 11 Mar 2024 19:18

Tgt Ion:244 Resp: 1149330
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 11.8 9.1 13.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 14.455 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF137564.D

Acq: 11 Mar 2024 19:18

Instrument :

BNA_F

ClientSampleId :

MG-COMP

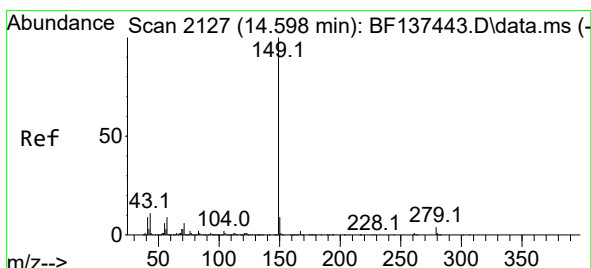
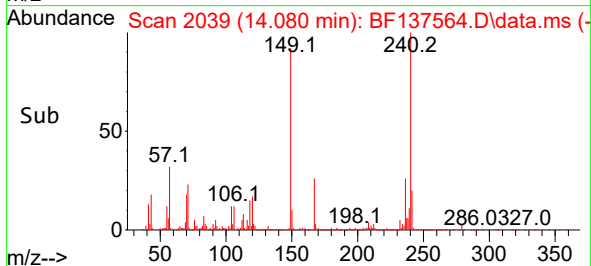
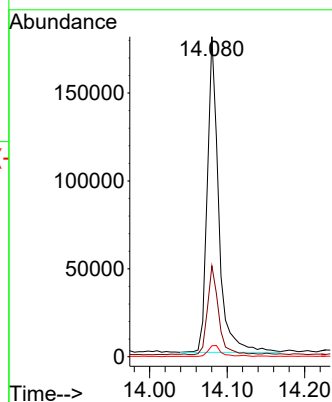
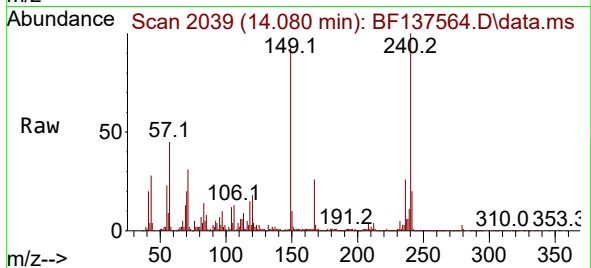
Tgt Ion:149 Resp: 183465

Ion Ratio Lower Upper

149 100

167 28.4 21.3 31.9

279 3.4 2.6 4.0



#85

Di-n-octyl phthalate

Concen: 5.990 ng

RT: 14.715 min Scan# 2147

Delta R.T. -0.000 min

Lab File: BF137564.D

Acq: 11 Mar 2024 19:18

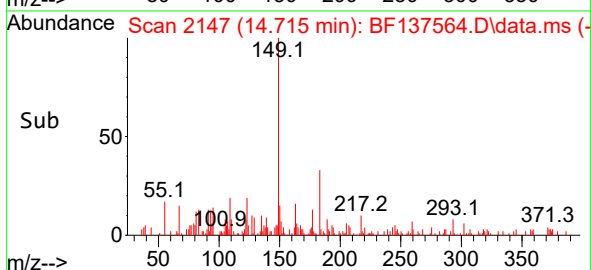
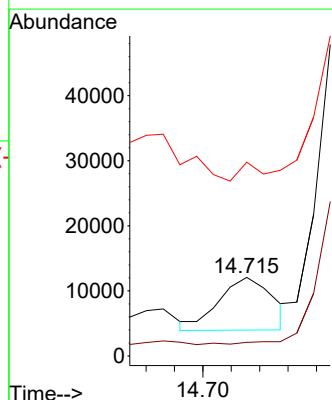
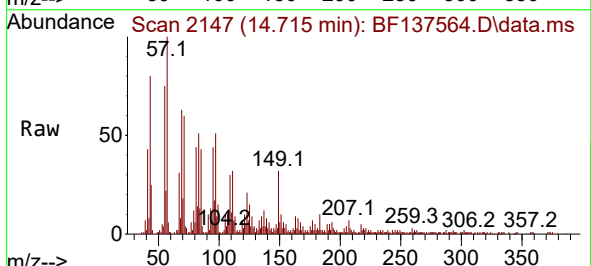
Tgt Ion:149 Resp: 10612

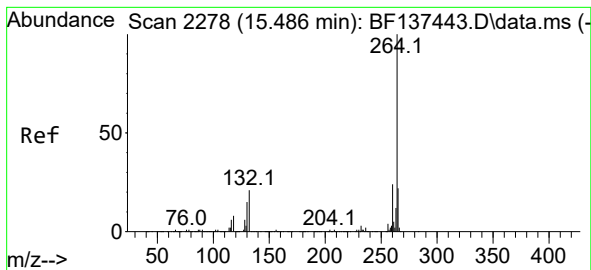
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137564.D

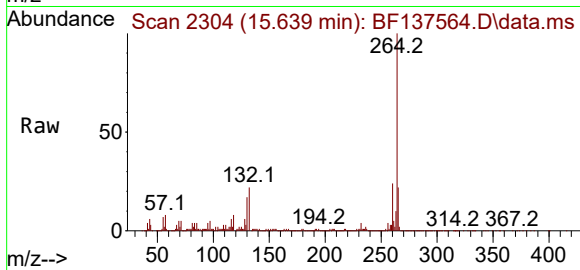
Acq: 11 Mar 2024 19:18

Instrument :

BNA_F

ClientSampleId :

MG-COMP



Tgt Ion:264 Resp: 398698

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 21.8 17.4 26.0

