

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031524\
 Data File : BF137618.D
 Acq On : 15 Mar 2024 19:34
 Operator : CG\JU
 Sample : P1771-05 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Mar 15 23:24:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

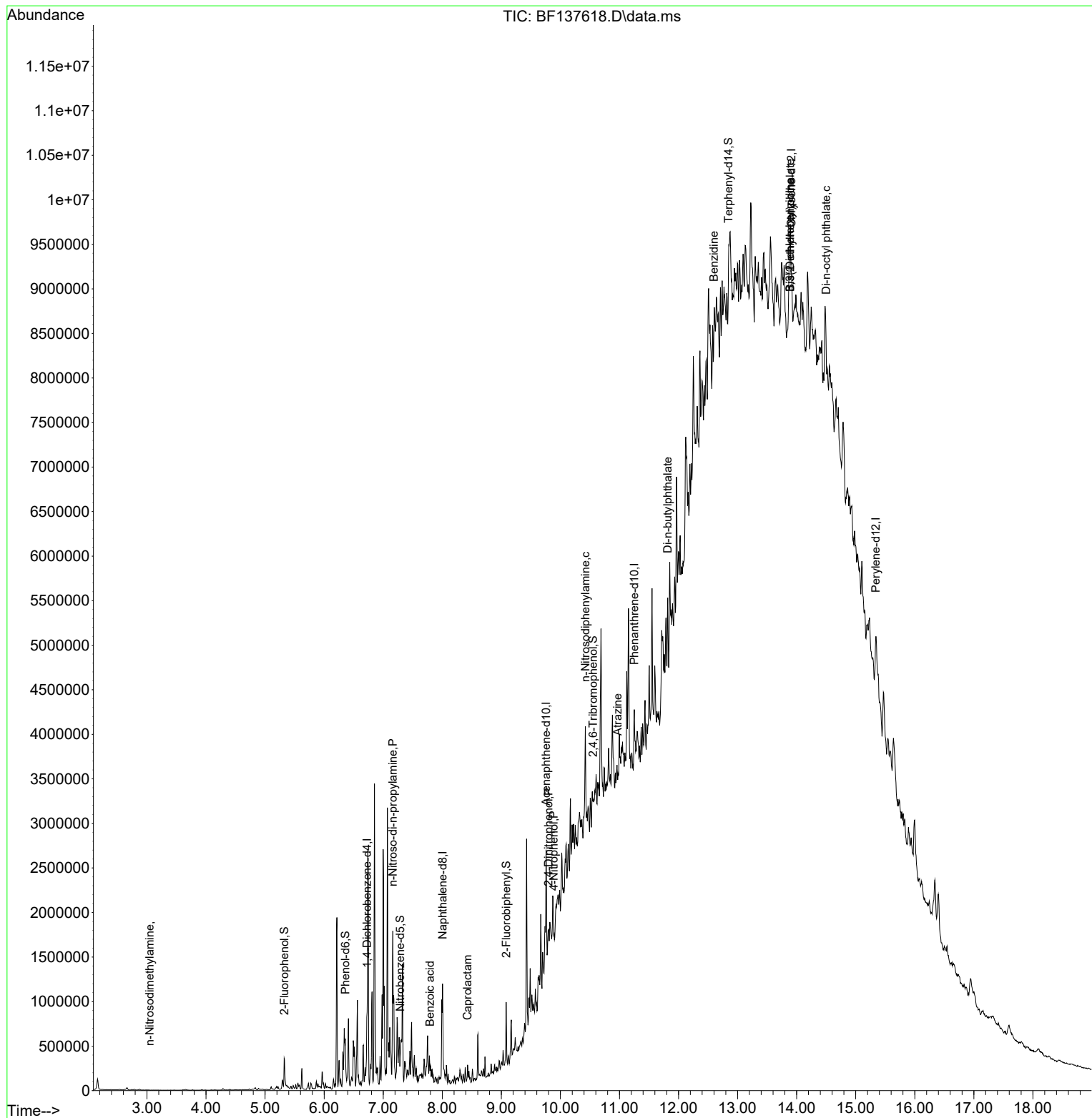
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	113478	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	441372	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	200314	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	288442	20.000	ng	# 0.01
76) Chrysene-d12	13.910	240	226856	20.000	ng	0.04
86) Perylene-d12	15.339	264	267788	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	137364	18.333	ng	0.00
7) Phenol-d6	6.357	99	182441	16.869	ng	-0.01
23) Nitrobenzene-d5	7.287	82	96774	10.188	ng	-0.01
42) 2,4,6-Tribromophenol	10.551	330	27757	15.779	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	207143	16.187	ng	0.00
79) Terphenyl-d14	12.845	244	165277	10.018	ng	0.02
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.046	42	180	3.850	ng	# 1
19) n-Nitroso-di-n-propyla...	7.163	70	108730	16.280	ng	# 51
32) Benzoic acid	7.792	122	132	6.327	ng	# 1
35) Caprolactam	8.428	113	4530	2.056	ng	# 1
54) 2,4-Dinitrophenol	9.798	184	126	8.305	ng	# 1
56) 4-Nitrophenol	9.886	139	3109	5.863	ng	# 1
66) n-Nitrosodiphenylamine	10.422	169	19564	2.106	ng	# 86
69) Atrazine	10.969	200	6423	2.275	ng	# 1
74) Di-n-butylphthalate	11.816	149	214747	13.070	ng	# 93
77) Benzidine	12.598	184	57314	10.324	ng	# 33
82) 3,3'-Dichlorobenzidine	13.886	252	12178	2.876	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.892	149	535826	74.157	ng	# 90
85) Di-n-octyl phthalate	14.498	149	107897	12.450	ng	# 72

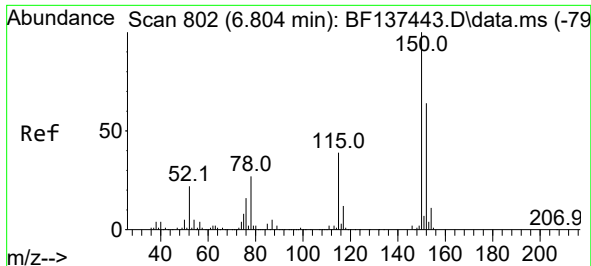
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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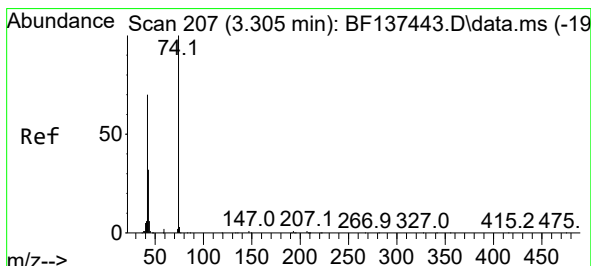
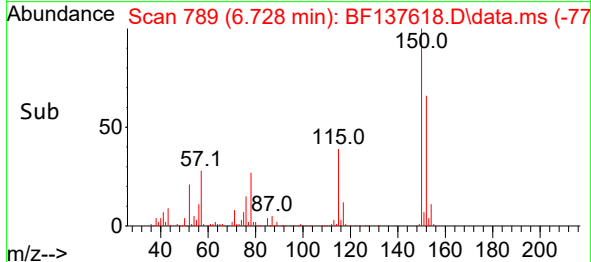
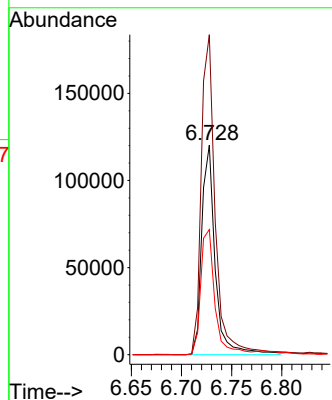
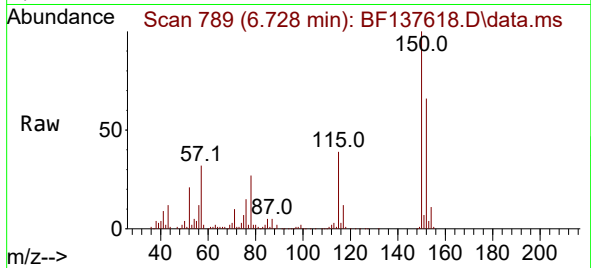




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137618.D
Acq: 15 Mar 2024 19:34

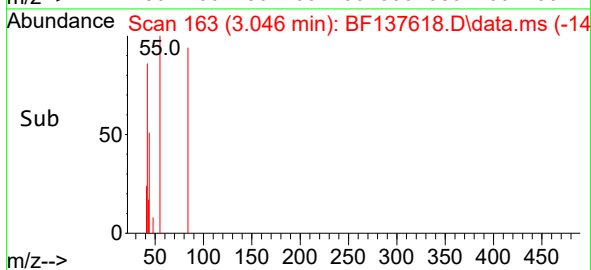
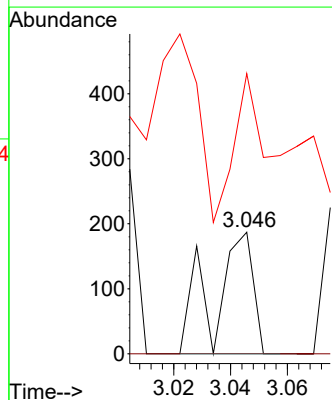
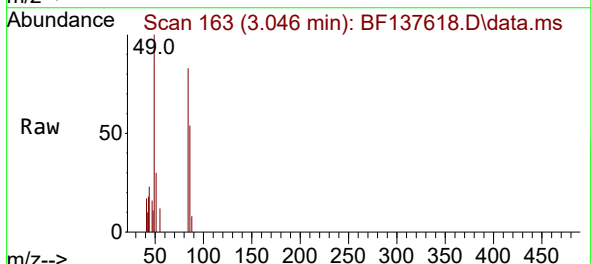
Instrument :
BNA_F
ClientSampleId :
COMP-3

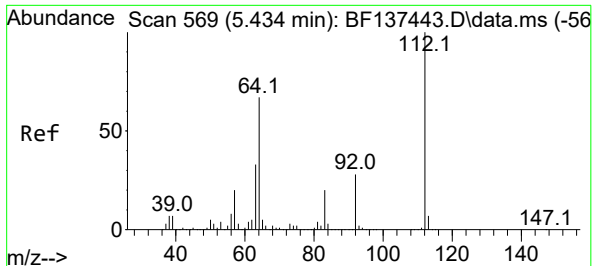
Tgt Ion:152 Resp: 113478
Ion Ratio Lower Upper
152 100
150 152.7 125.8 188.6
115 59.7 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.850 ng
RT: 3.046 min Scan# 163
Delta R.T. 0.006 min
Lab File: BF137618.D
Acq: 15 Mar 2024 19:34

Tgt Ion: 42 Resp: 180
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 230.5 7.0 10.4#

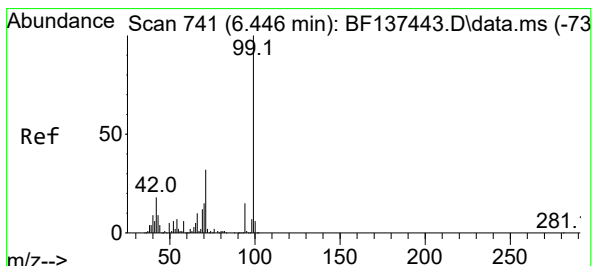
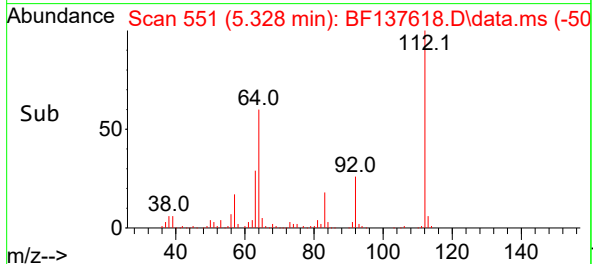
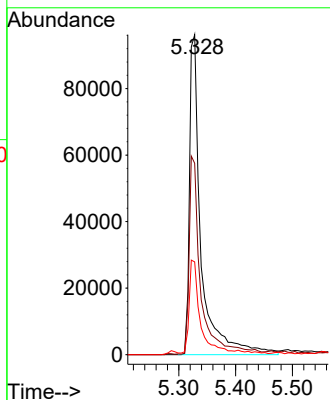
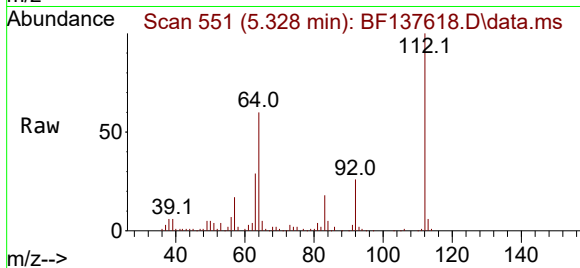




#5
2-Fluorophenol
Concen: 18.333 ng
RT: 5.328 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137618.D
Acq: 15 Mar 2024 19:34

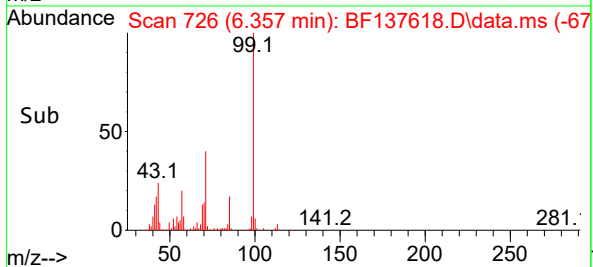
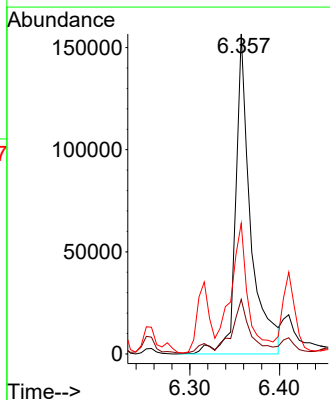
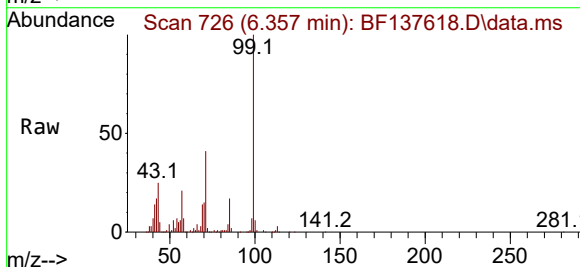
Instrument :
BNA_F
ClientSampleId :
COMP-3

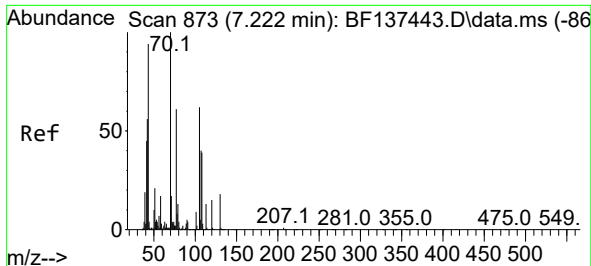
Tgt Ion:112 Resp: 137364
Ion Ratio Lower Upper
112 100
64 59.8 53.4 80.2
63 29.0 26.2 39.2



#7
Phenol-d6
Concen: 16.869 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF137618.D
Acq: 15 Mar 2024 19:34

Tgt Ion: 99 Resp: 182441
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 40.8 25.3 37.9#





#19

n-Nitroso-di-n-propylamine

Concen: 16.280 ng

RT: 7.163 min Scan# 80

Delta R.T. 0.018 min

Lab File: BF137618.D

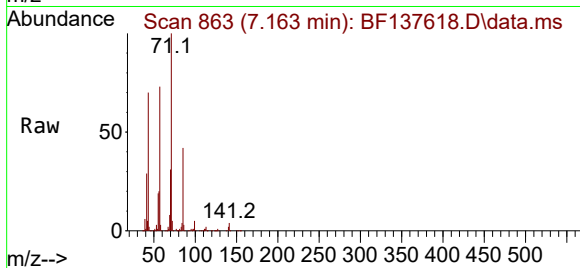
Acq: 15 Mar 2024 19:34

Instrument :

BNA_F

ClientSampleId :

COMP-3



Tgt Ion: 70 Resp: 108730

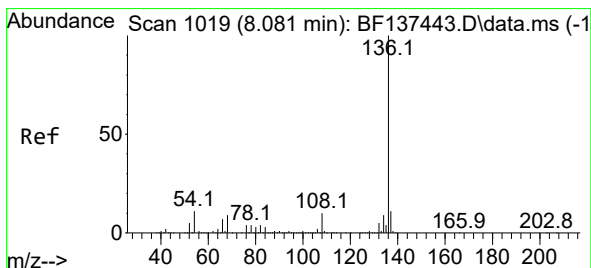
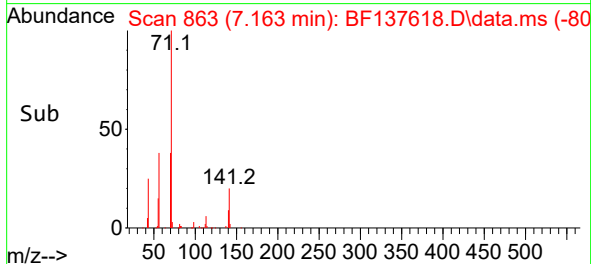
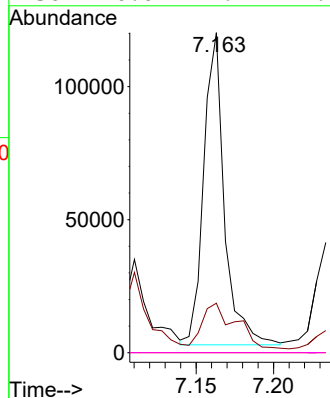
Ion Ratio Lower Upper

70 100

42 15.4 45.2 67.8#

101 0.0 7.3 10.9#

130 0.0 14.7 22.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

Tgt Ion: 136 Resp: 441372

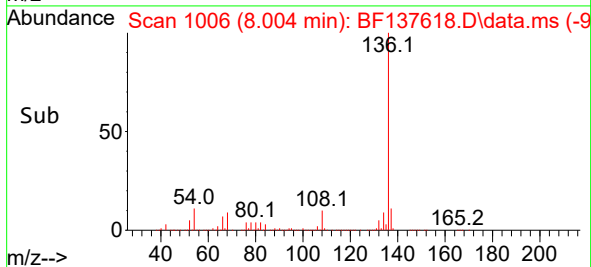
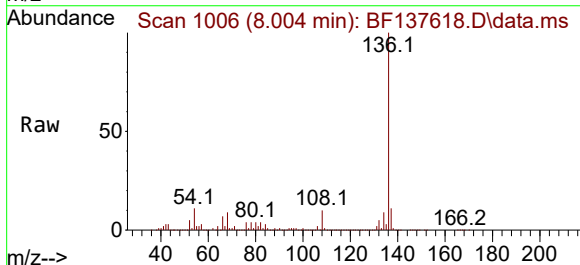
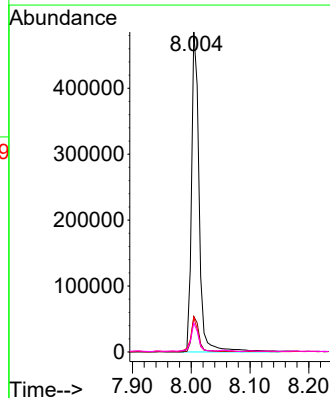
Ion Ratio Lower Upper

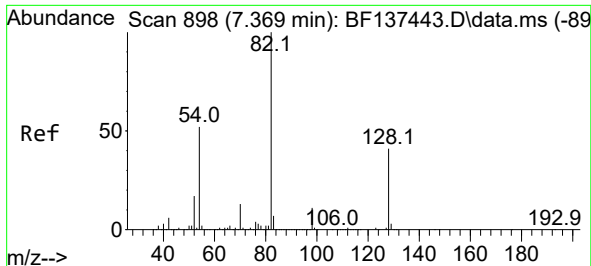
136 100

137 11.1 9.1 13.7

54 10.8 8.5 12.7

68 9.0 7.4 11.2





#23

Nitrobenzene-d5

Concen: 10.188 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

Instrument :

BNA_F

ClientSampleId :

COMP-3

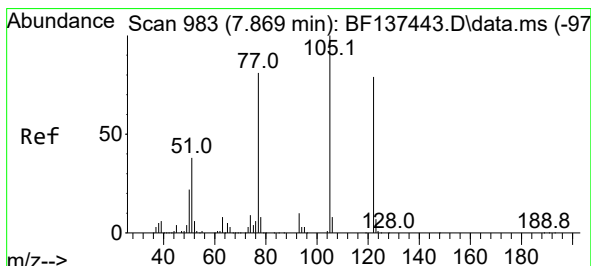
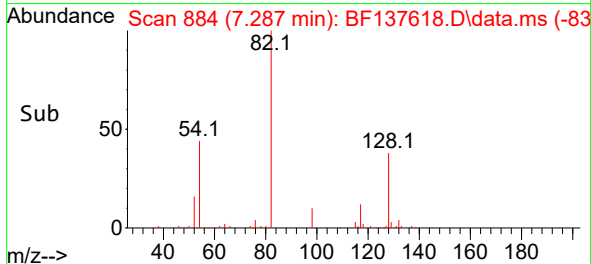
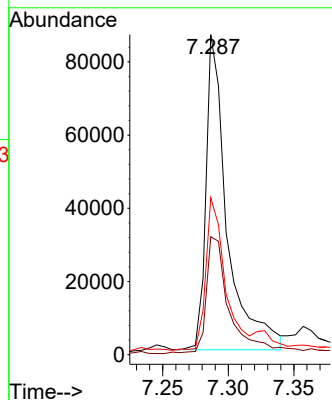
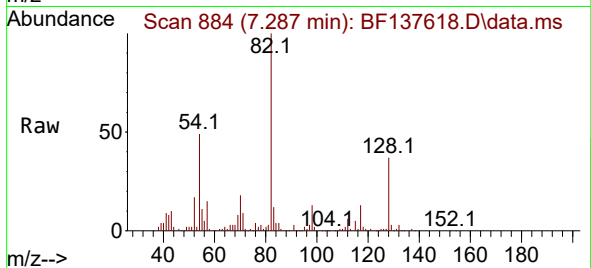
Tgt Ion: 82 Resp: 96774

Ion Ratio Lower Upper

82 100

128 36.9 32.5 48.7

54 49.1 41.5 62.3



#32

Benzoic acid

Concen: 6.327 ng

RT: 7.792 min Scan# 970

Delta R.T. -0.006 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

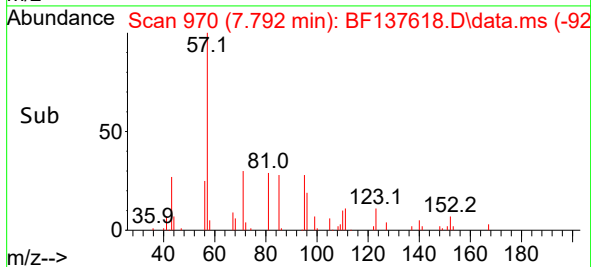
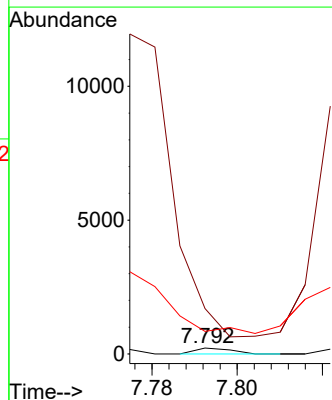
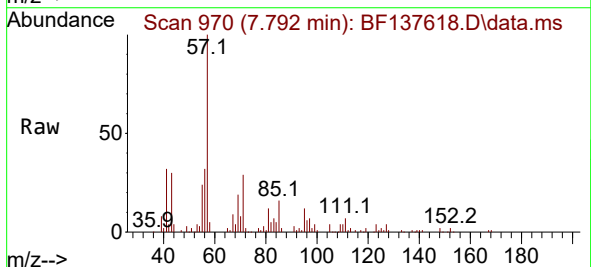
Tgt Ion: 122 Resp: 132

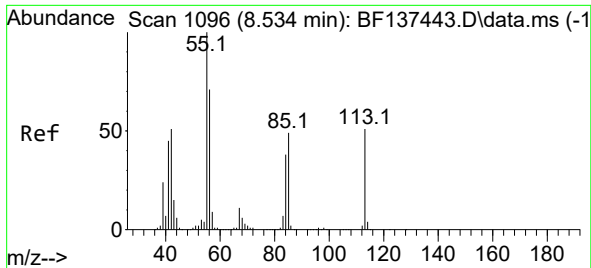
Ion Ratio Lower Upper

122 100

105 758.5 102.4 142.4#

77 375.9 81.1 121.1#

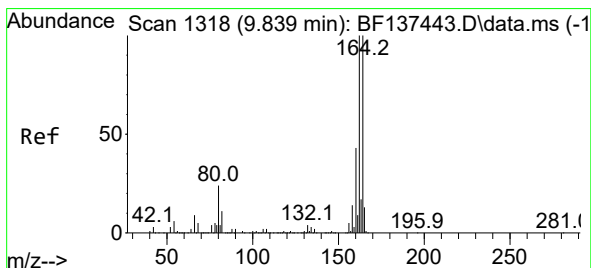
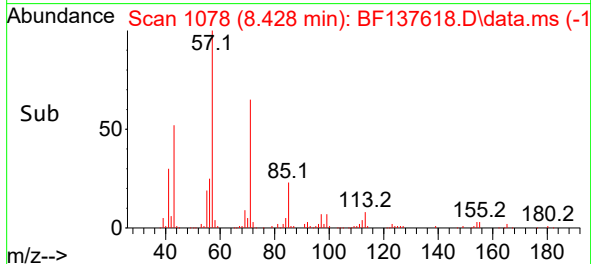
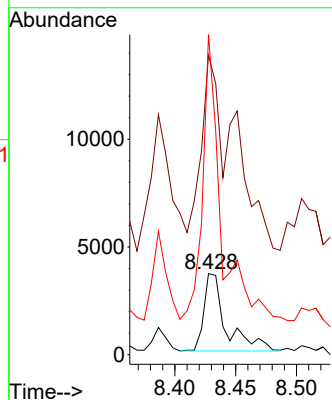
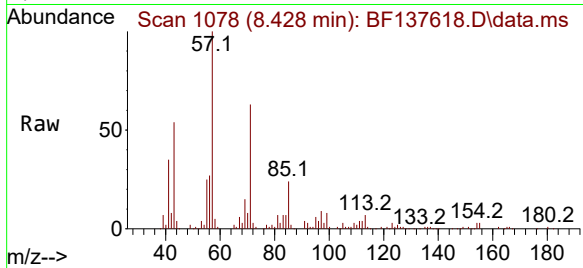




#35
 Caprolactam
 Concen: 2.056 ng
 RT: 8.428 min Scan# 1096
 Delta R.T. -0.029 min
 Lab File: BF137618.D
 Acq: 15 Mar 2024 19:34

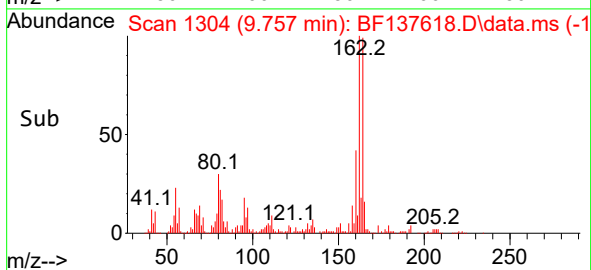
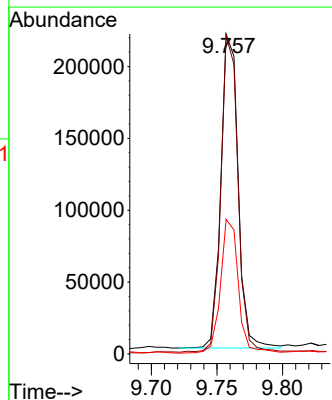
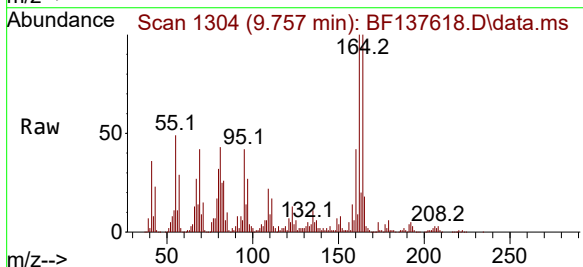
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 COMP-3

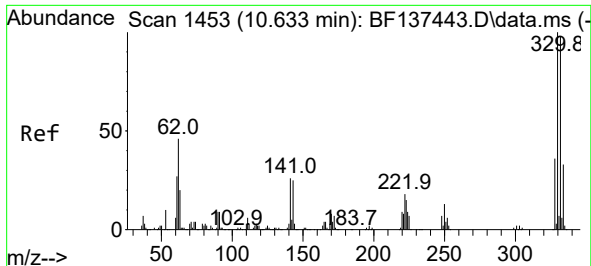
Tgt Ion:113 Resp: 4530
 Ion Ratio Lower Upper
 113 100
 55 369.2 176.7 216.7#
 56 394.5 120.6 160.6#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.757 min Scan# 1304
 Delta R.T. -0.006 min
 Lab File: BF137618.D
 Acq: 15 Mar 2024 19:34

Tgt Ion:164 Resp: 200314
 Ion Ratio Lower Upper
 164 100
 162 99.5 79.8 119.8
 160 42.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 15.779 ng

RT: 10.551 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

Instrument :

BNA_F

ClientSampleId :

COMP-3

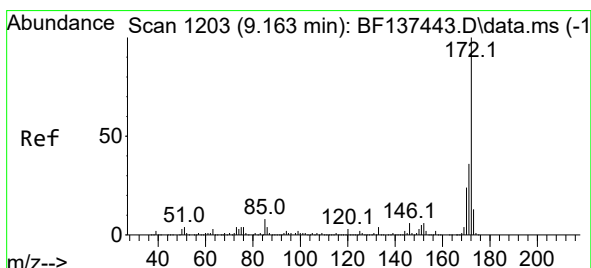
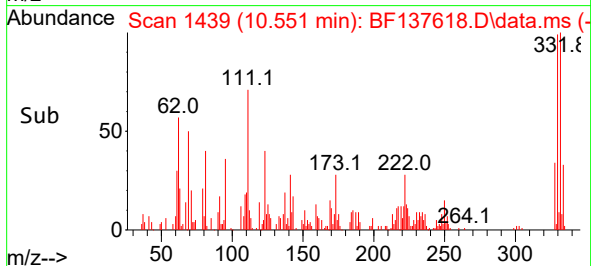
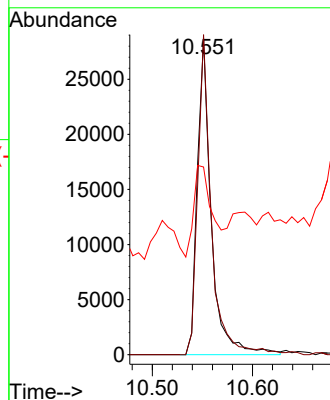
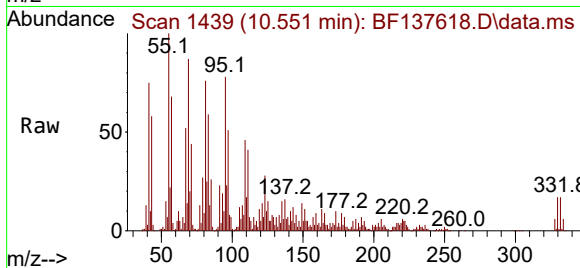
Tgt Ion:330 Resp: 27757

Ion Ratio Lower Upper

330 100

332 99.5 78.0 117.0

141 37.5 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 16.187 ng

RT: 9.081 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

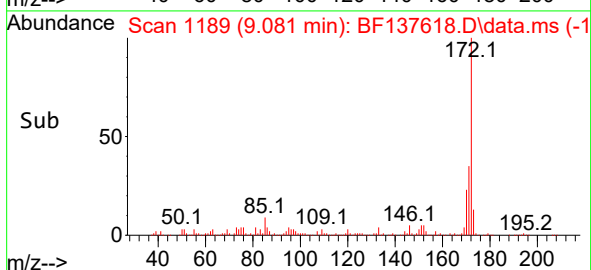
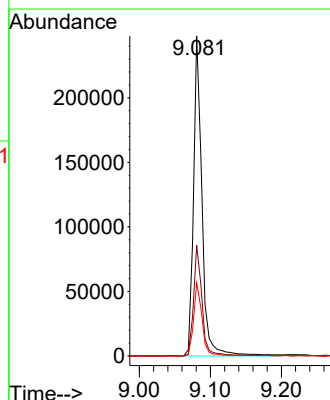
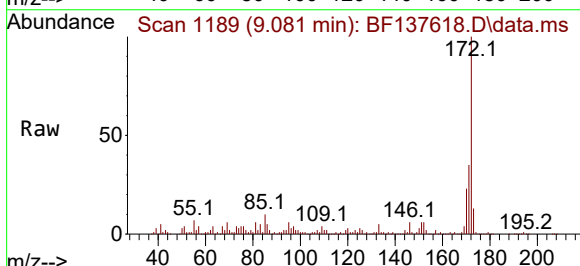
Tgt Ion:172 Resp: 207143

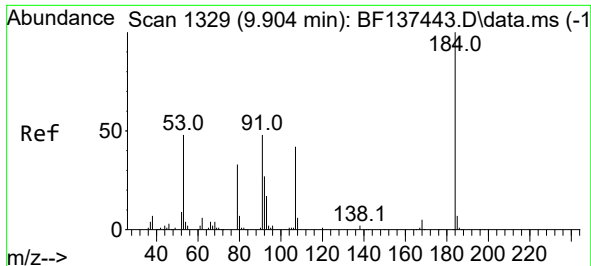
Ion Ratio Lower Upper

172 100

171 34.6 28.5 42.7

170 22.9 19.0 28.6

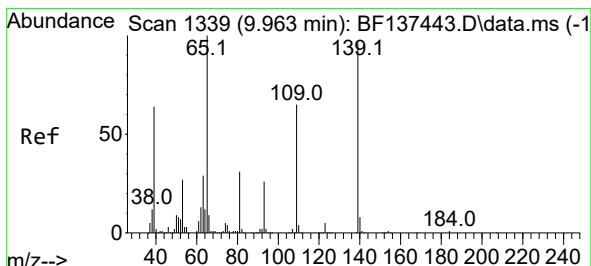
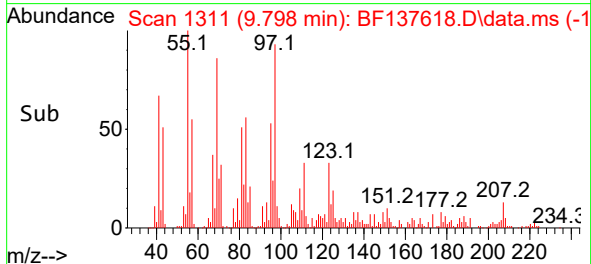
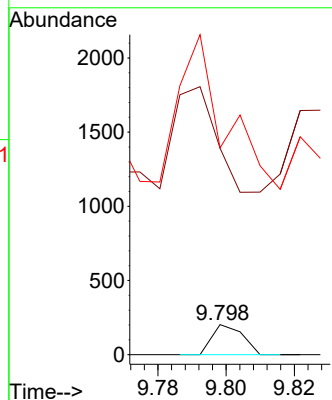
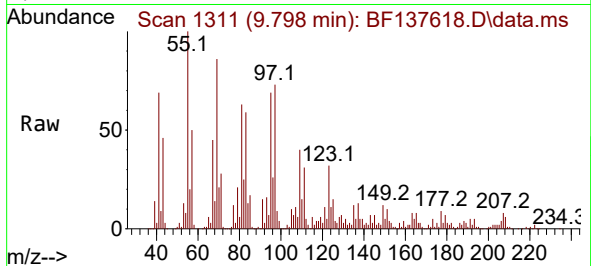




#54
2,4-Dinitrophenol
Concen: 8.305 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF137618.D
Acq: 15 Mar 2024 19:34

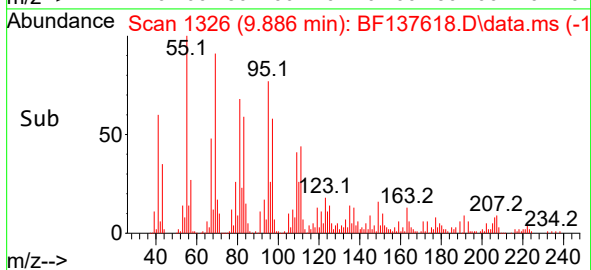
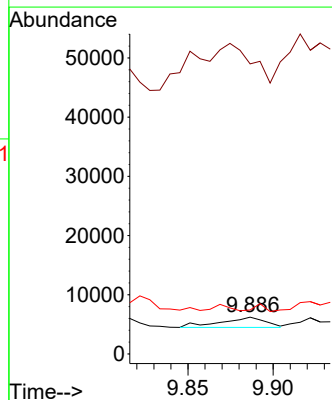
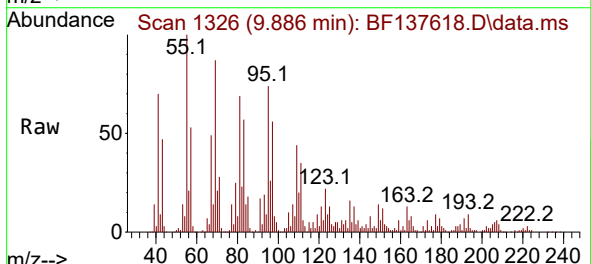
Instrument :
BNA_F
ClientSampleId :
COMP-3

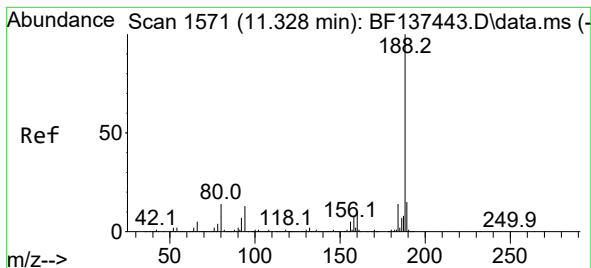
Tgt Ion:184 Resp: 126
Ion Ratio Lower Upper
184 100
63 685.7 53.3 79.9#
154 686.2 47.4 71.0#



#56
4-Nitrophenol
Concen: 5.863 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF137618.D
Acq: 15 Mar 2024 19:34

Tgt Ion:139 Resp: 3109
Ion Ratio Lower Upper
139 100
109 788.3 47.1 87.1#
65 119.7 85.1 125.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

Instrument :

BNA_F

ClientSampleId :

COMP-3

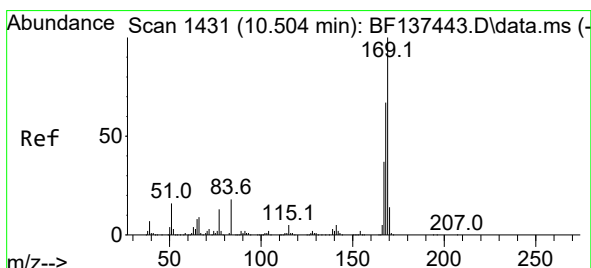
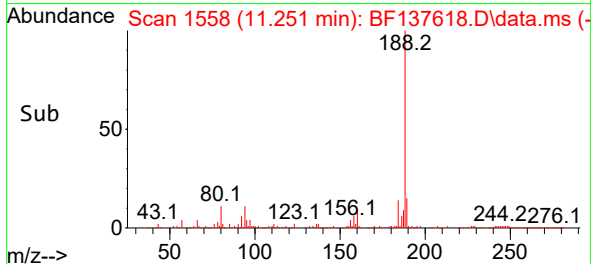
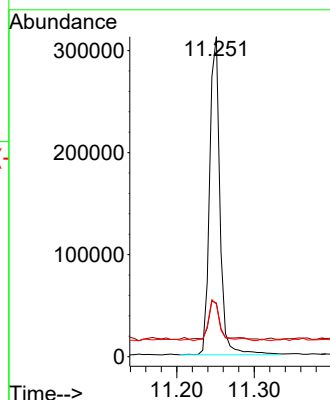
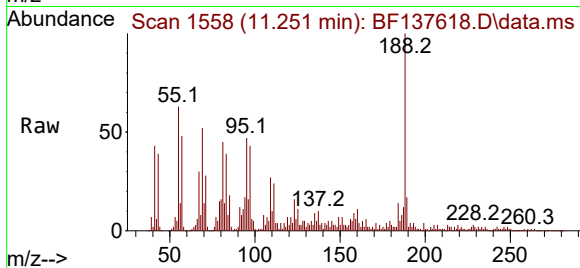
Tgt Ion:188 Resp: 288442

Ion Ratio Lower Upper

188 100

94 16.8 10.6 15.8#

80 16.5 11.5 17.3



#66

n-Nitrosodiphenylamine

Concen: 2.106 ng

RT: 10.422 min Scan# 1417

Delta R.T. -0.000 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

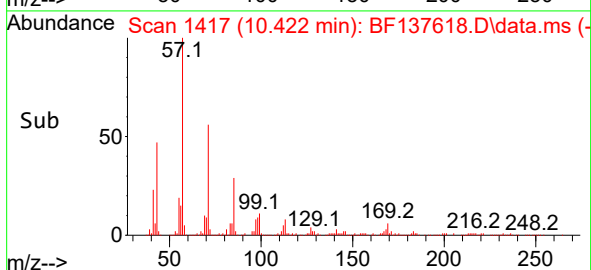
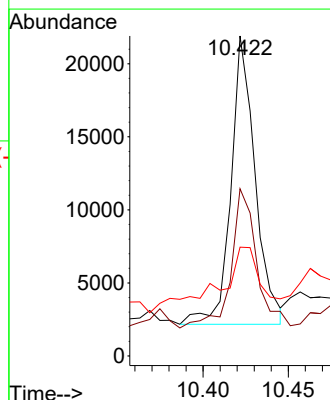
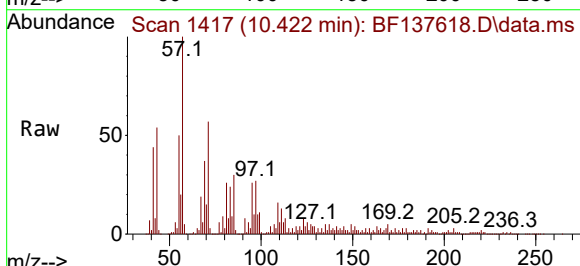
Tgt Ion:169 Resp: 19564

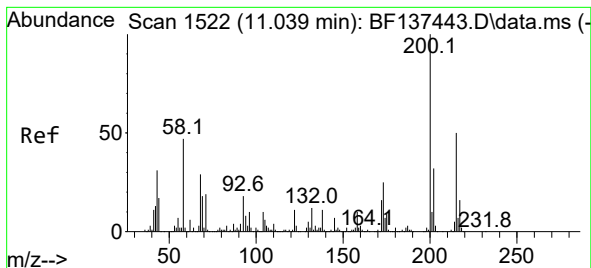
Ion Ratio Lower Upper

169 100

168 52.3 53.8 80.6#

167 34.0 29.6 44.4





#69

Atrazine

Concen: 2.275 ng

RT: 10.969 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

Instrument :

BNA_F

ClientSampleId :

COMP-3

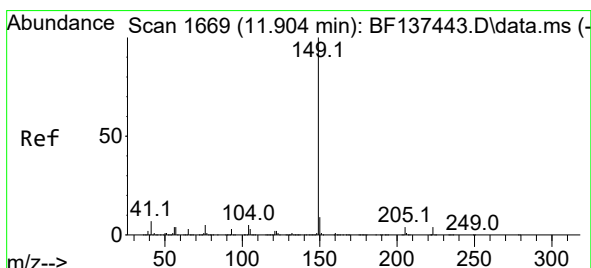
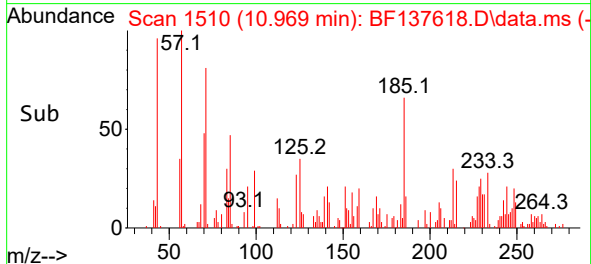
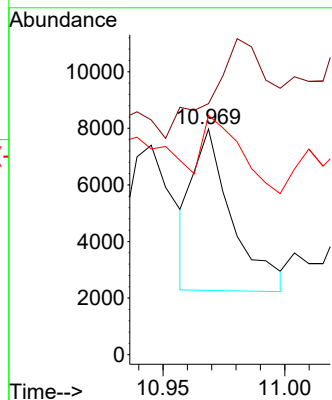
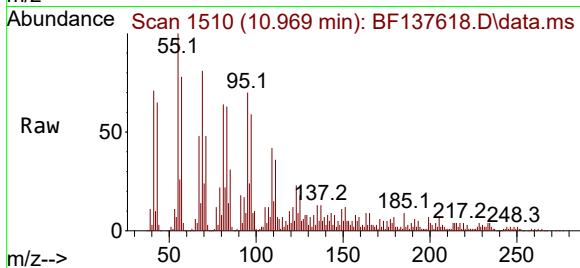
Tgt Ion:200 Resp: 6423

Ion Ratio Lower Upper

200 100

173 111.3 5.1 45.1#

215 106.1 30.4 70.4#



#74

Di-n-butylphthalate

Concen: 13.070 ng

RT: 11.816 min Scan# 1654

Delta R.T. 0.006 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

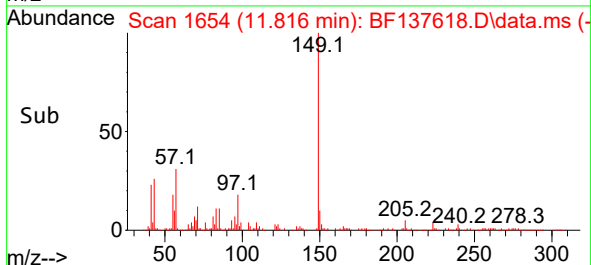
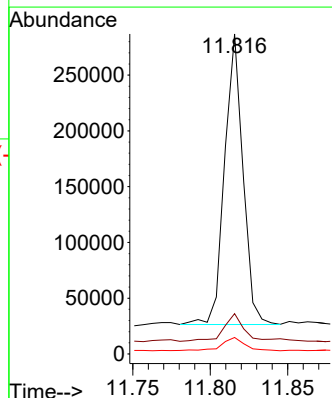
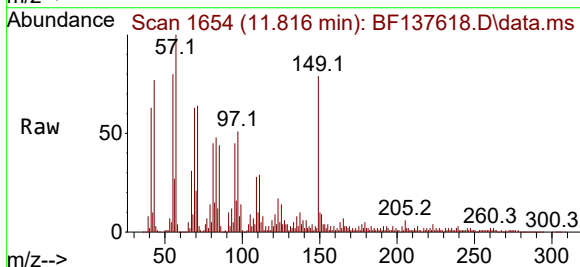
Tgt Ion:149 Resp: 214747

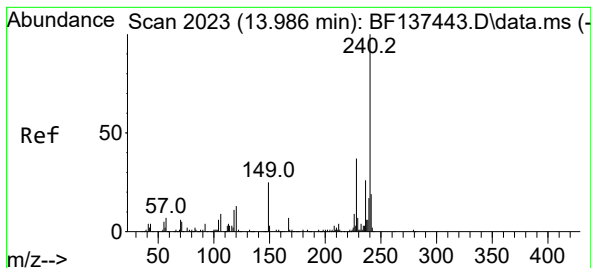
Ion Ratio Lower Upper

149 100

150 12.6 7.4 11.0#

104 5.2 3.8 5.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.910 min Scan# 20

Delta R.T. 0.035 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

Instrument :

BNA_F

ClientSampleId :

COMP-3

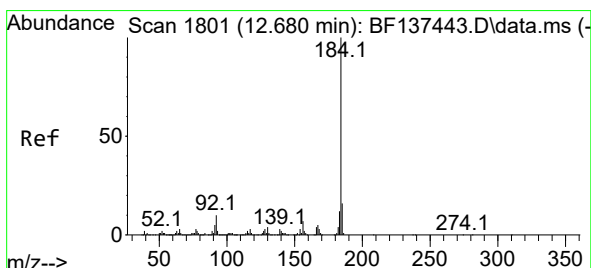
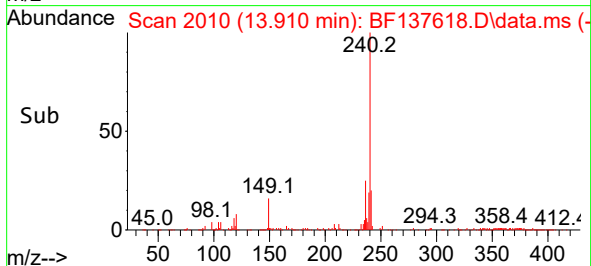
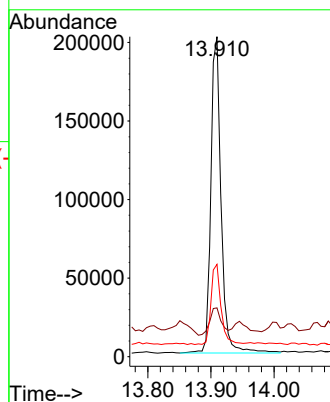
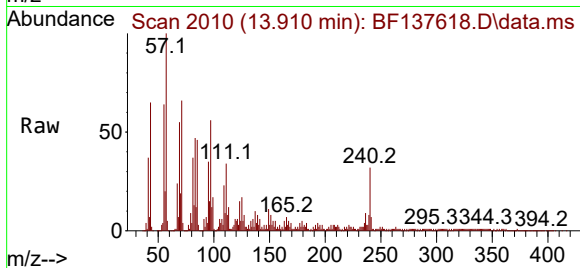
Tgt Ion:240 Resp: 226856

Ion Ratio Lower Upper

240 100

120 15.3 10.4 15.6

236 28.9 20.9 31.3



#77

Benzidine

Concen: 10.324 ng

RT: 12.598 min Scan# 1787

Delta R.T. 0.018 min

Lab File: BF137618.D

Acq: 15 Mar 2024 19:34

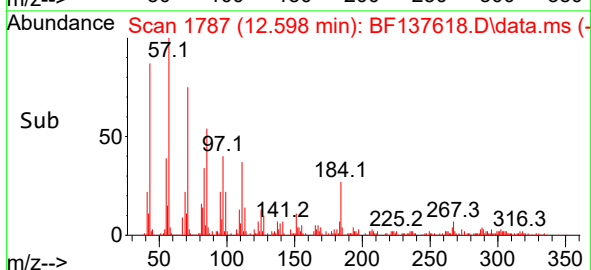
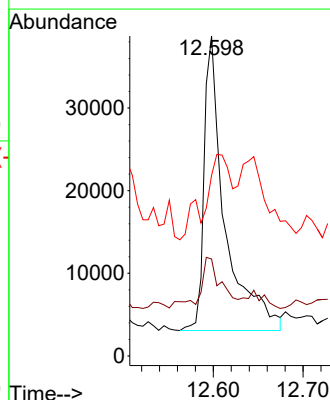
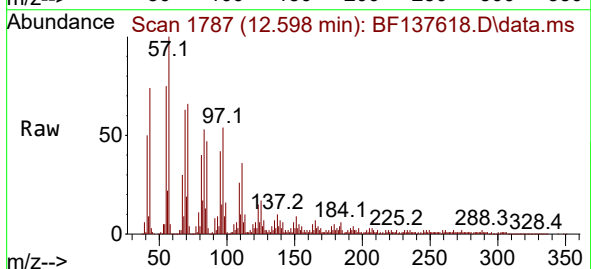
Tgt Ion:184 Resp: 57314

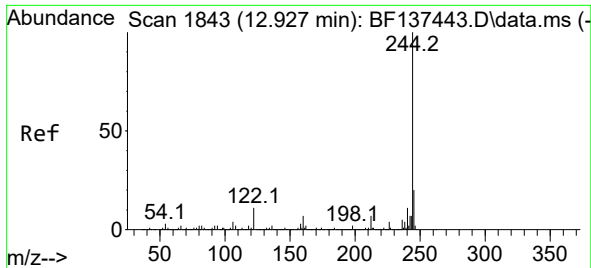
Ion Ratio Lower Upper

184 100

185 30.3 13.2 19.8#

183 56.4 9.3 13.9#

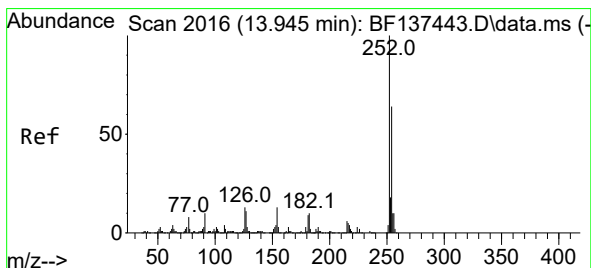
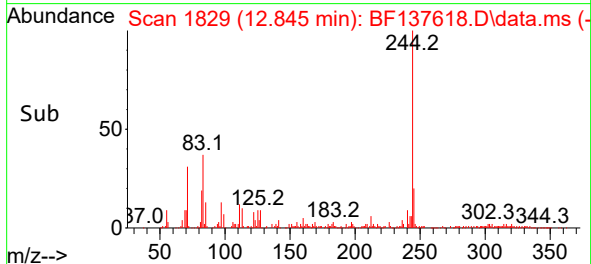
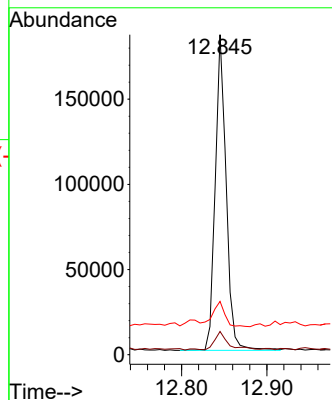
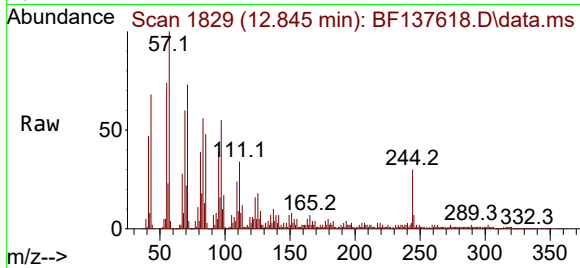




#79
 Terphenyl-d14
 Concen: 10.018 ng
 RT: 12.845 min Scan# 11
 Delta R.T. 0.018 min
 Lab File: BF137618.D
 Acq: 15 Mar 2024 19:34

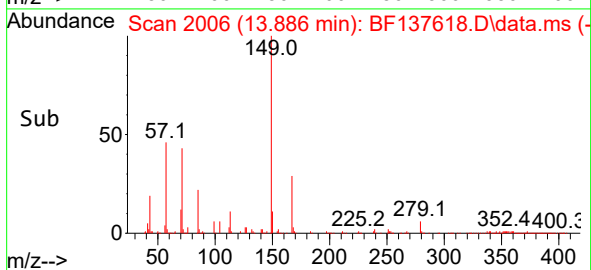
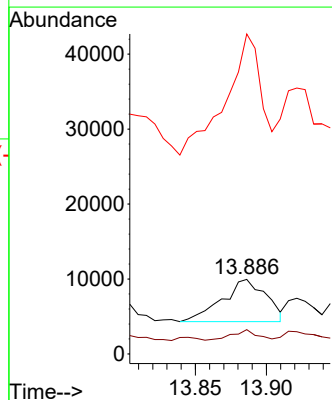
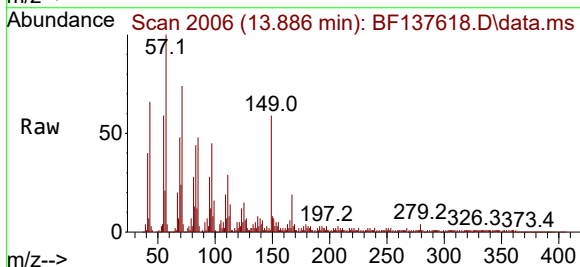
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

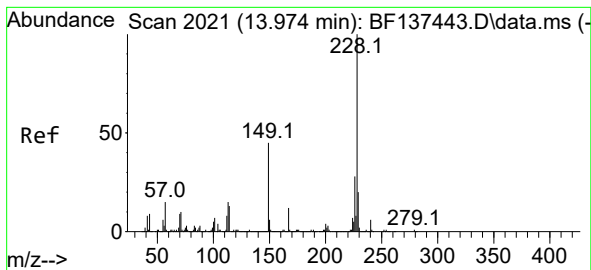
Tgt Ion:244 Resp: 165277
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 16.7 9.1 13.7#



#82
 3,3'-Dichlorobenzidine
 Concen: 2.876 ng
 RT: 13.886 min Scan# 2006
 Delta R.T. 0.053 min
 Lab File: BF137618.D
 Acq: 15 Mar 2024 19:34

Tgt Ion:252 Resp: 12178
 Ion Ratio Lower Upper
 252 100
 254 32.7 51.4 77.2#
 126 428.8 10.4 15.6#

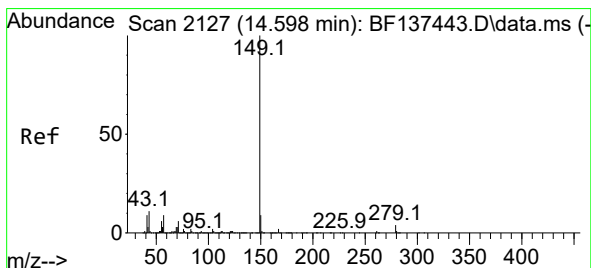
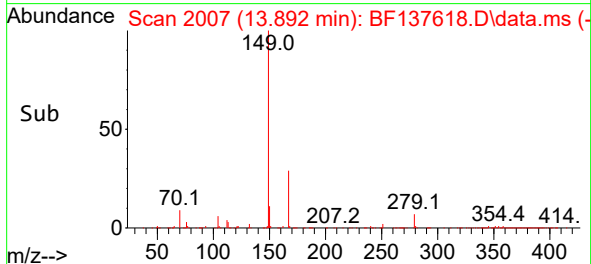
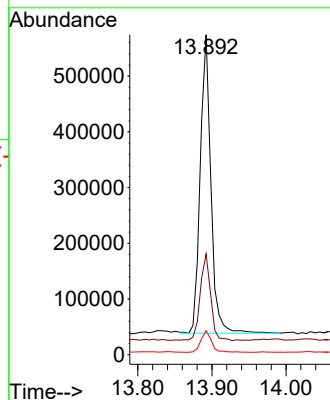
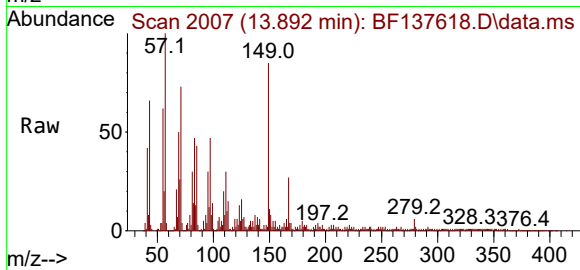




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 74.157 ng
 RT: 13.892 min Scan# 20
 Delta R.T. 0.029 min
 Lab File: BF137618.D
 Acq: 15 Mar 2024 19:34

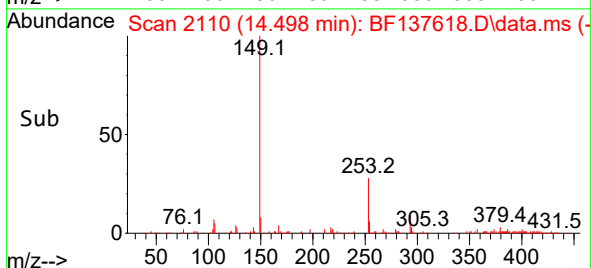
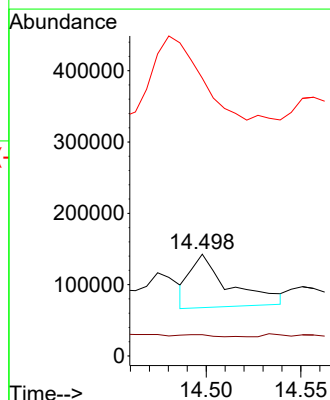
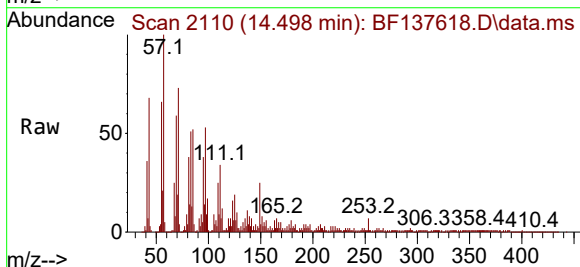
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

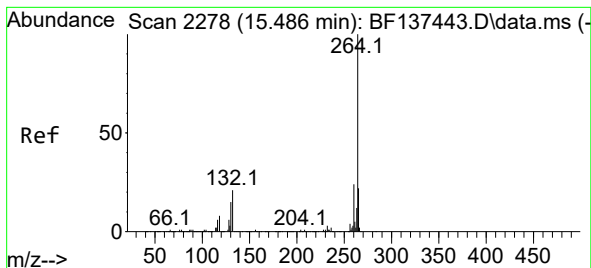
Tgt Ion:149 Resp: 535826
 Ion Ratio Lower Upper
 149 100
 167 31.5 21.3 31.9
 279 7.5 2.6 4.0#



#85
 Di-n-octyl phthalate
 Concen: 12.450 ng
 RT: 14.498 min Scan# 2110
 Delta R.T. 0.023 min
 Lab File: BF137618.D
 Acq: 15 Mar 2024 19:34

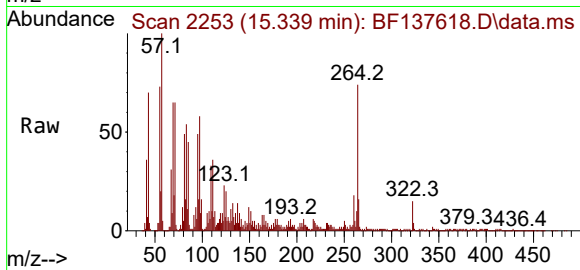
Tgt Ion:149 Resp: 107897
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.339 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BF137618.D
 Acq: 15 Mar 2024 19:34

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3



Tgt Ion:264 Resp: 267788

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	22.0	17.4	26.0

