

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137381.D
 Acq On : 26 Feb 2024 12:48
 Operator : CG\JU
 Sample : PB159110BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 13:10:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

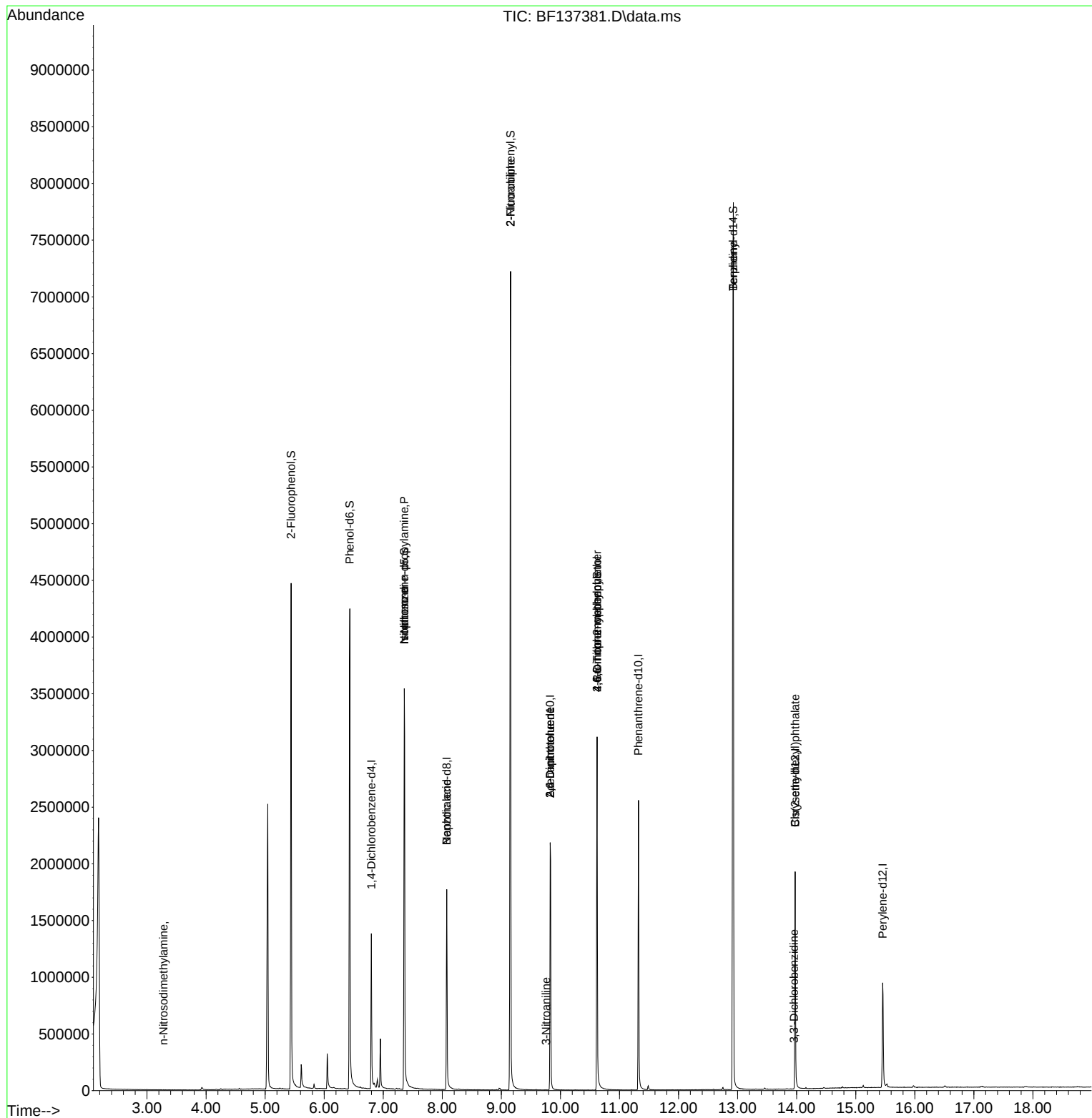
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	197676	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	822681	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	456569	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	890940	20.000	ng	0.00
76) Chrysene-d12	13.974	240	610515	20.000	ng	0.00
86) Perylene-d12	15.457	264	429746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1215161	94.854	ng	0.01
7) Phenol-d6	6.434	99	1668027	88.512	ng	0.00
23) Nitrobenzene-d5	7.357	82	1429619	86.757	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	336231	84.569	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2425500	82.707	ng	0.00
79) Terphenyl-d14	12.927	244	3254804	74.567	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.281	42	93	5.119	ng	# 1
19) n-Nitroso-di-n-propyla...	7.357	70	180650	15.556	ng	# 82
25) Isophorone	7.357	82	1429611	41.952	ng	# 69
32) Benzoic acid	8.075	122	94	6.961	ng	# 1
48) 2-Nitroaniline	9.157	65	4495	4.780	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	58843	10.026	ng	# 26
53) 3-Nitroaniline	9.757	138	123	2.378	ng	# 1
57) 2,4-Dinitrotoluene	9.828	165	58843	8.817	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	786	4.669	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	23654	2.470	ng	# 1
77) Benzidine	12.927	184	38060	10.058	ng	# 94
82) 3,3'-Dichlorobenzidine	13.957	252	73	5.040	ng	# 27
84) Bis(2-ethylhexyl)phtha...	13.974	149	213	4.107	ng	# 1

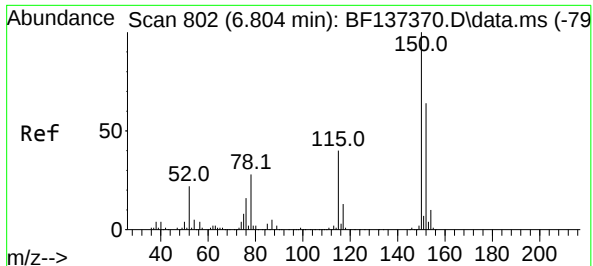
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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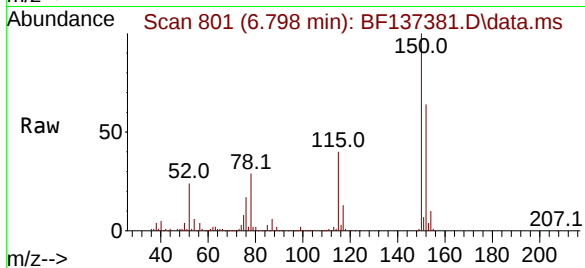
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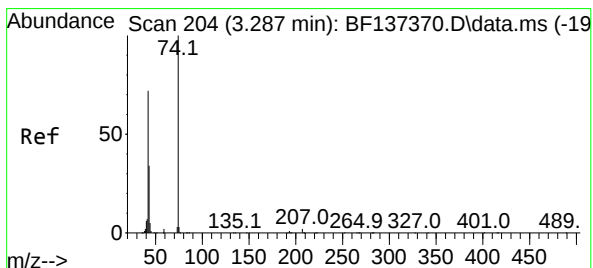
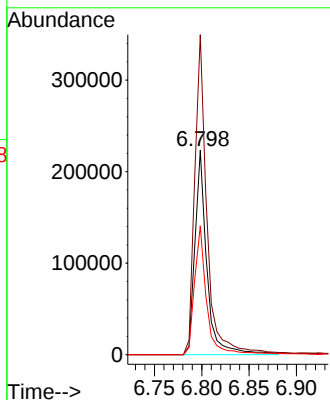
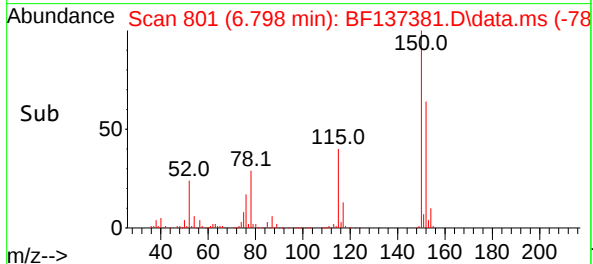


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

Instrument :
BNA_F
ClientSampleId :

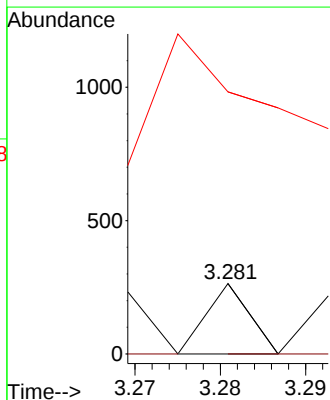
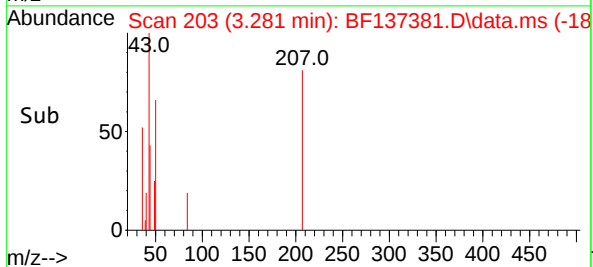
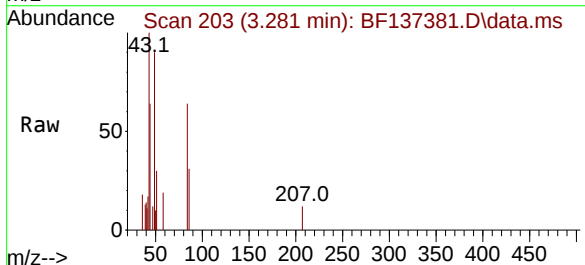


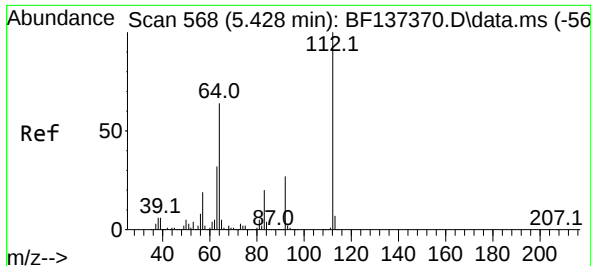
Tgt Ion:152 Resp: 197676
Ion Ratio Lower Upper
152 100
150 156.7 125.7 188.5
115 63.0 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.119 ng
RT: 3.281 min Scan# 203
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

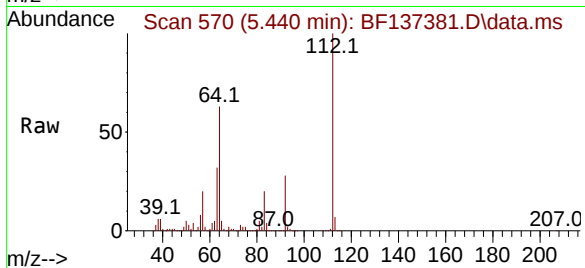
Tgt Ion: 42 Resp: 93
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 372.3 6.0 9.0#



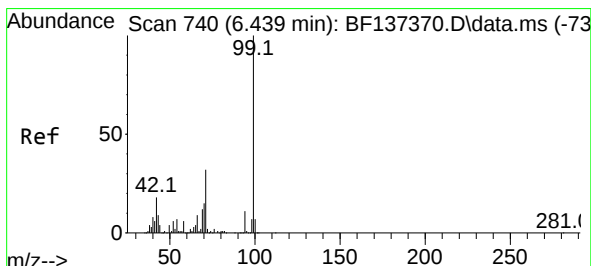
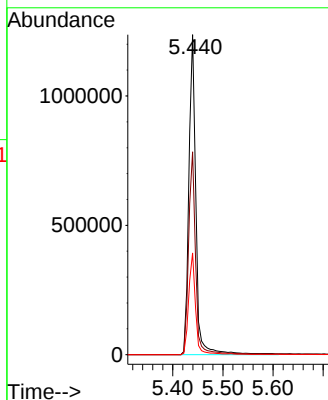
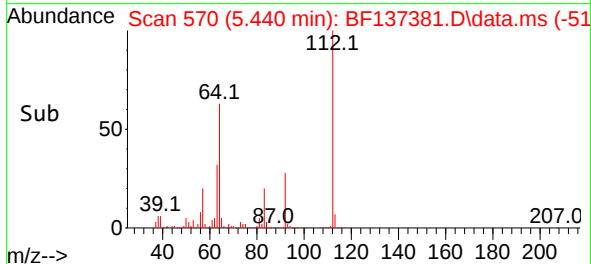


#5
2-Fluorophenol
Concen: 94.854 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

Instrument :
BNA_F
ClientSampleId :

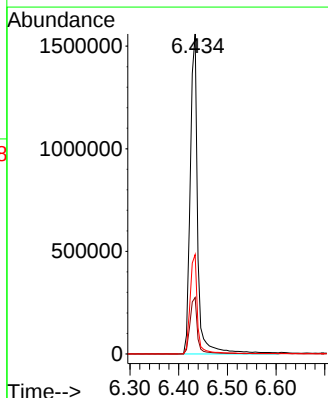
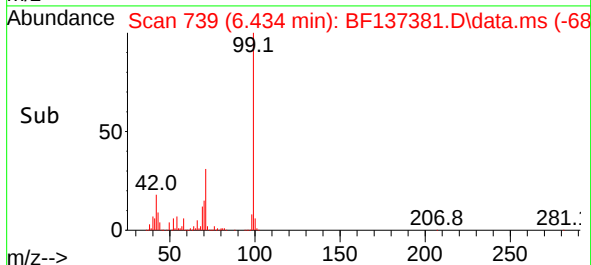
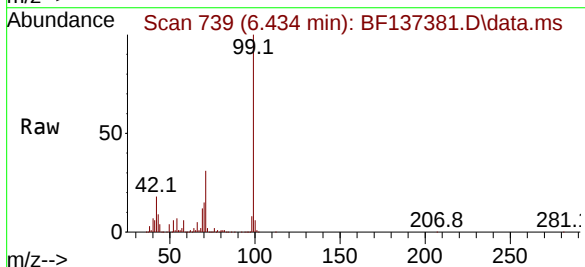


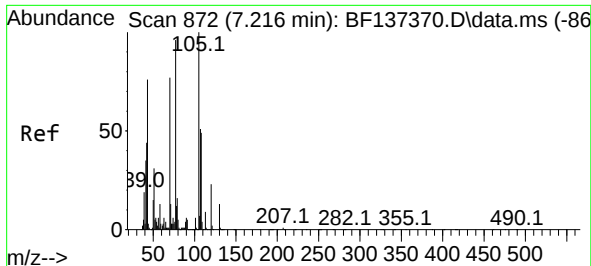
Tgt Ion:112 Resp: 1215161
Ion Ratio Lower Upper
112 100
64 63.4 51.0 76.6
63 31.8 25.7 38.5



#7
Phenol-d6
Concen: 88.512 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

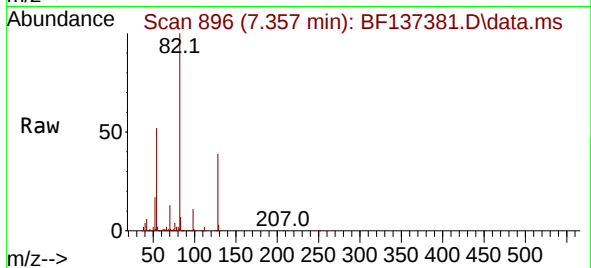
Tgt Ion: 99 Resp: 1668027
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 31.1 25.2 37.8



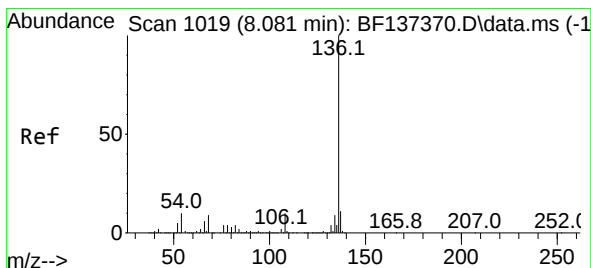
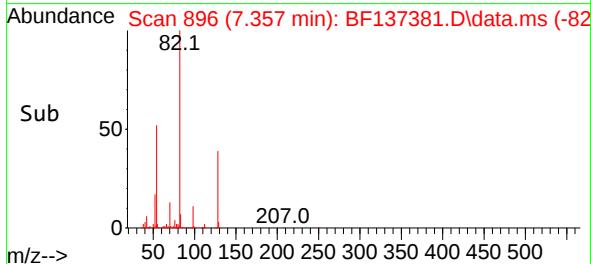
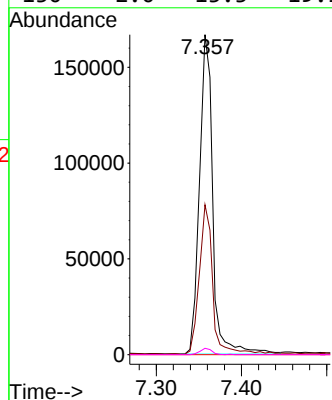


#19
n-Nitroso-di-n-propylamine
Concen: 15.556 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

Instrument :
BNA_F
ClientSampleId :

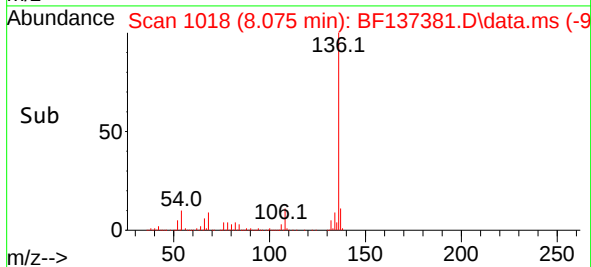
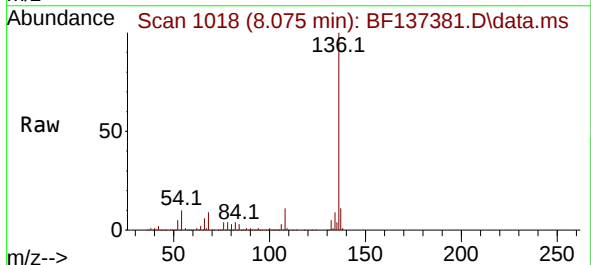
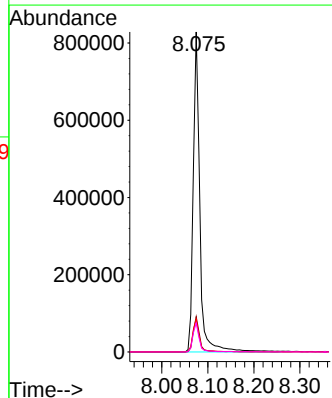


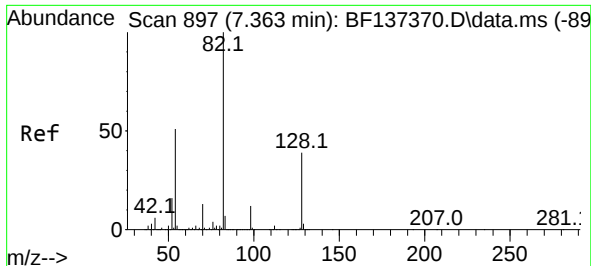
Tgt Ion: 70 Resp: 180650
Ion Ratio Lower Upper
70 100
42 46.8 45.3 67.9
101 0.0 6.5 9.7#
130 2.0 13.3 19.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

Tgt Ion: 136 Resp: 822681
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.3 7.8 11.6
68 9.0 7.0 10.4





#23

Nitrobenzene-d5

Concen: 86.757 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF137381.D

Acq: 26 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

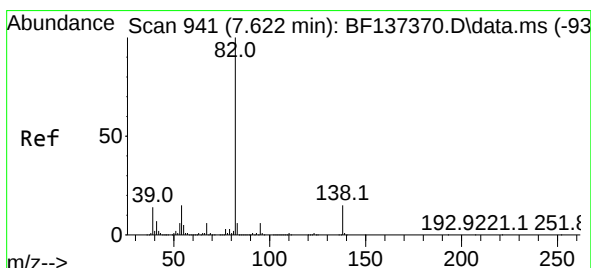
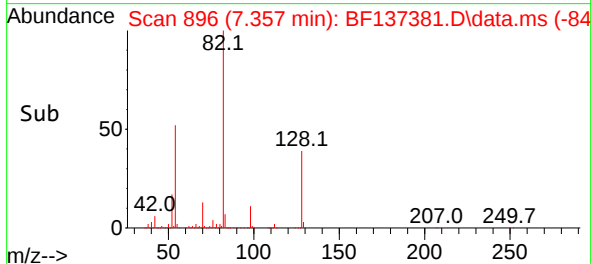
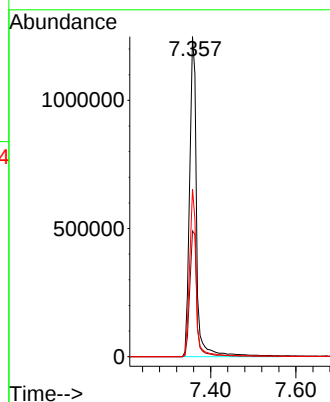
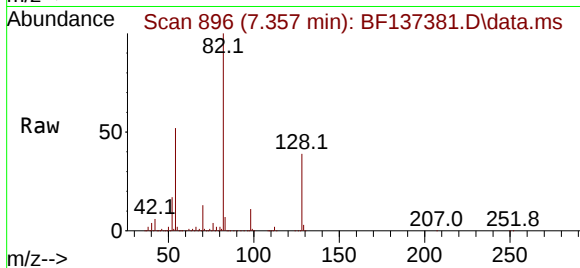
Tgt Ion: 82 Resp: 1429619

Ion Ratio Lower Upper

82 100

128 39.3 30.8 46.2

54 52.3 40.8 61.2



#25

Isophorone

Concen: 41.952 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.265 min

Lab File: BF137381.D

Acq: 26 Feb 2024 12:48

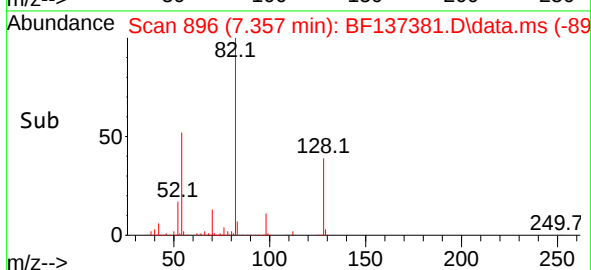
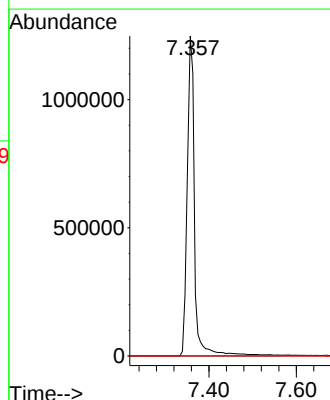
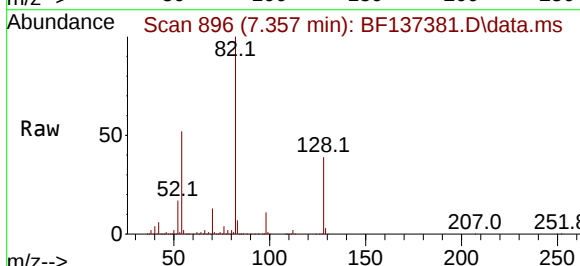
Tgt Ion: 82 Resp: 1429611

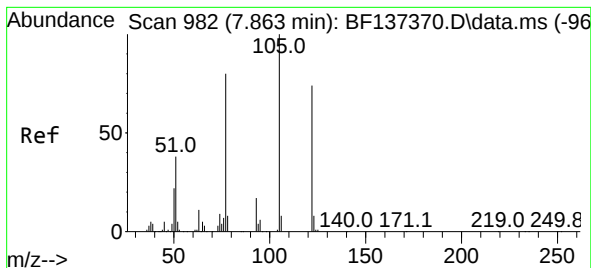
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 12.2 18.4#





#32

Benzoic acid

Concen: 6.961 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.212 min

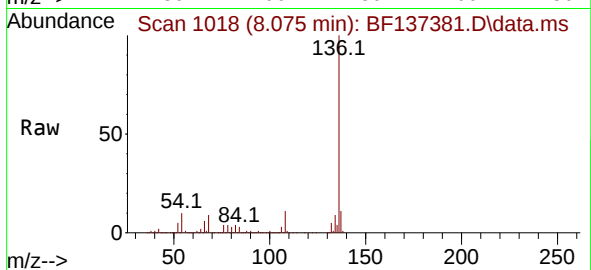
Lab File: BF137381.D

Acq: 26 Feb 2024 12:48

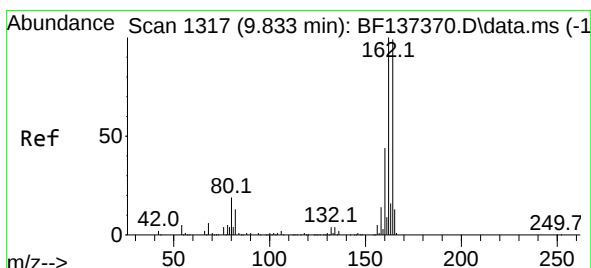
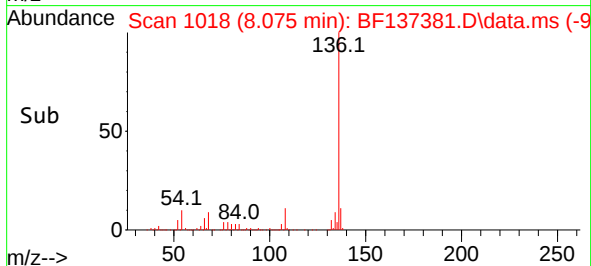
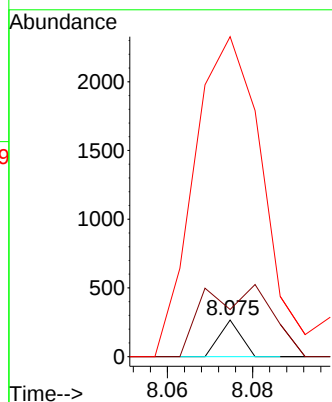
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	122	Resp:	94
Ion	Ratio	Lower	Upper
122	100		
105	128.5	101.1	141.1
77	871.9	82.8	122.8



#39

Acenaphthene-d10

Concen: 20.000 ng

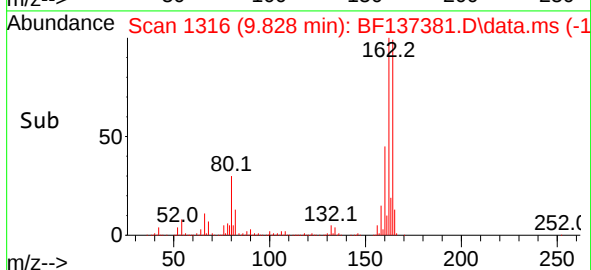
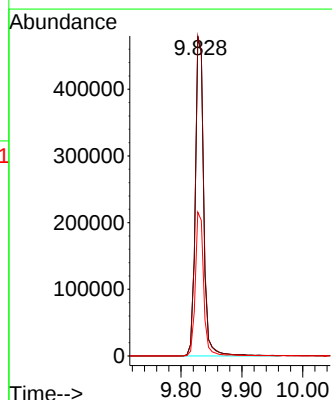
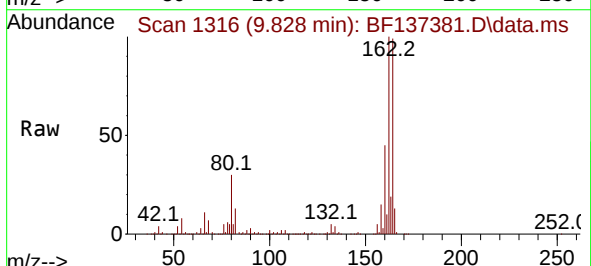
RT: 9.828 min Scan# 1316

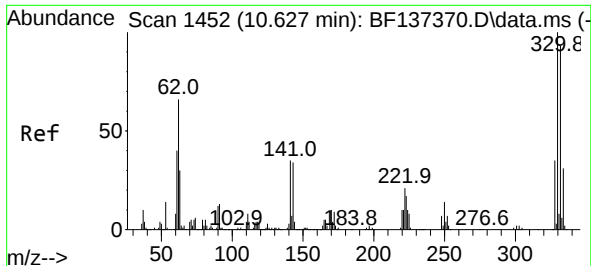
Delta R.T. -0.006 min

Lab File: BF137381.D

Acq: 26 Feb 2024 12:48

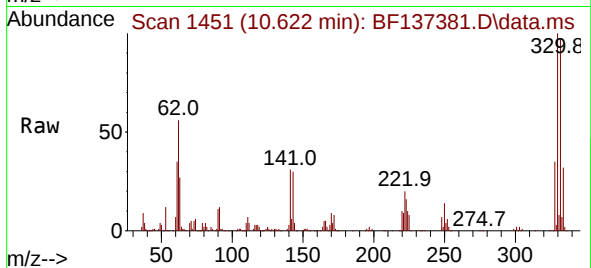
Tgt Ion:	164	Resp:	456569
Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.2	121.8
160	45.4	35.7	53.5



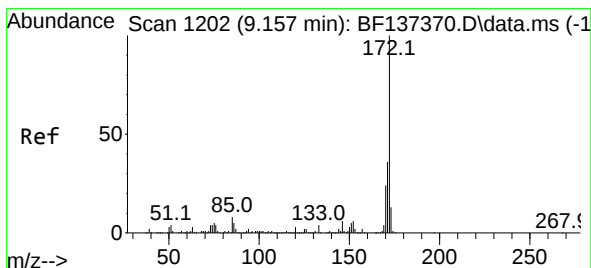
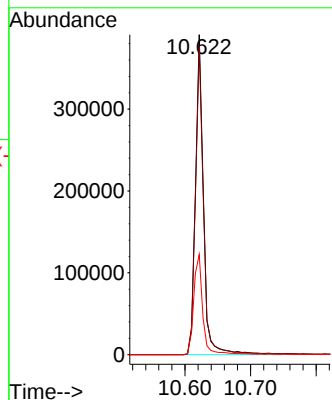
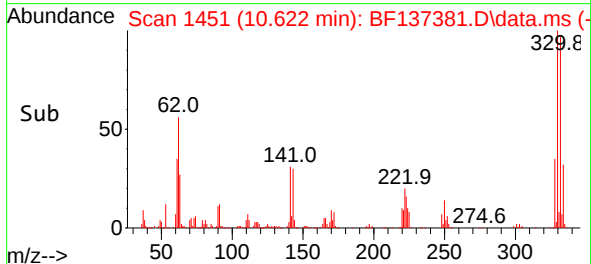


#42
2,4,6-Tribromophenol
Concen: 84.569 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

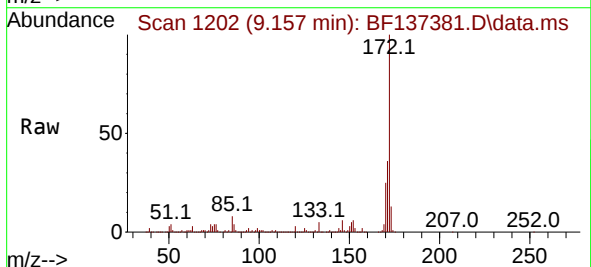
Instrument :
BNA_F
ClientSampleId :



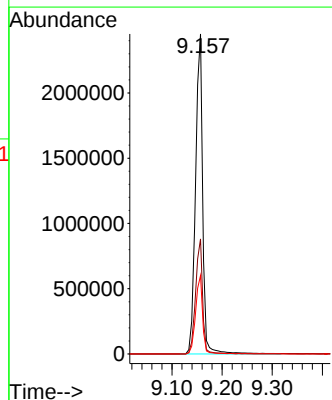
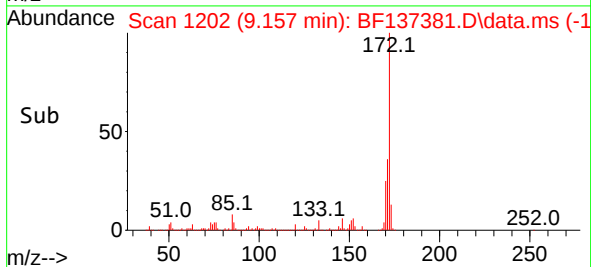
Tgt Ion:330 Resp: 336231
Ion Ratio Lower Upper
330 100
332 97.7 75.6 113.4
141 35.1 28.6 42.8

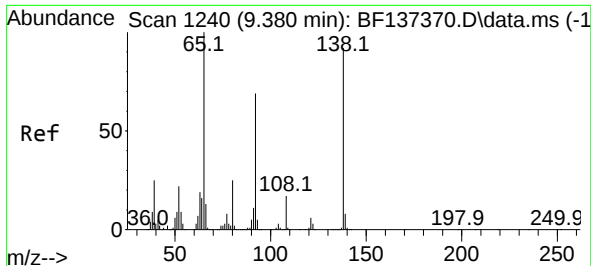


#45
2-Fluorobiphenyl
Concen: 82.707 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48



Tgt Ion:172 Resp: 2425500
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 24.5 19.5 29.3

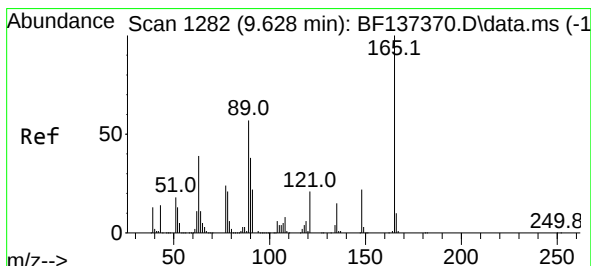
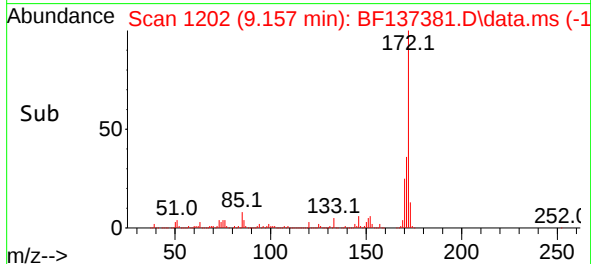
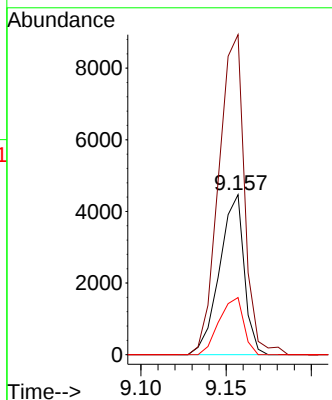
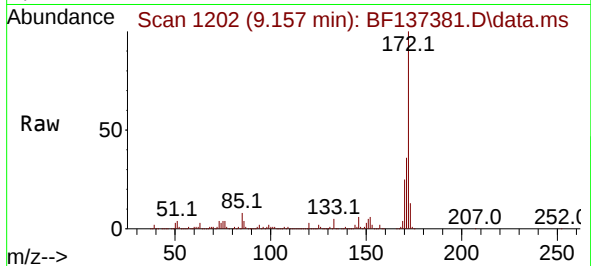




#48
2-Nitroaniline
Concen: 4.780 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

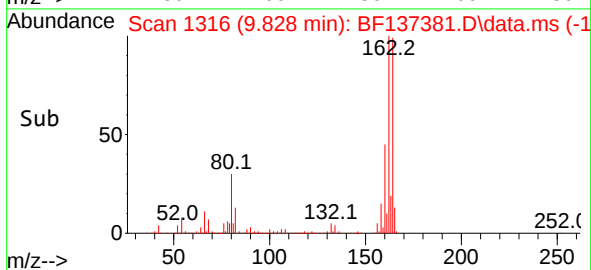
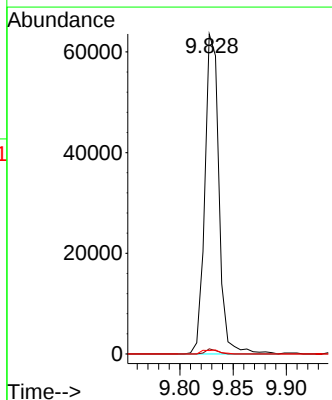
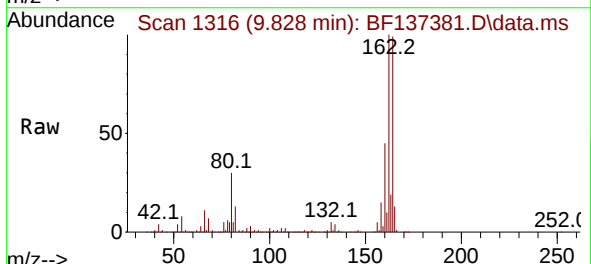
Instrument :
BNA_F
ClientSampleId :

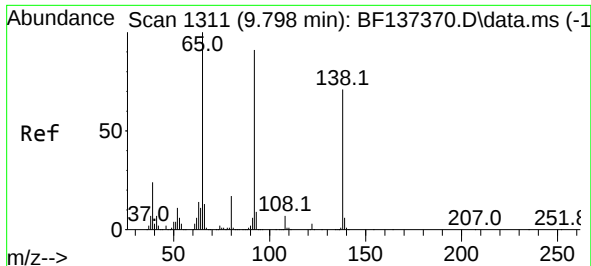
Tgt Ion: 65 Resp: 4495
Ion Ratio Lower Upper
65 100
92 200.0 55.0 82.6#
138 35.7 73.7 110.5#



#51
2,6-Dinitrotoluene
Concen: 10.026 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

Tgt Ion: 165 Resp: 58843
Ion Ratio Lower Upper
165 100
63 1.6 41.6 62.4#
89 1.0 45.8 68.6#

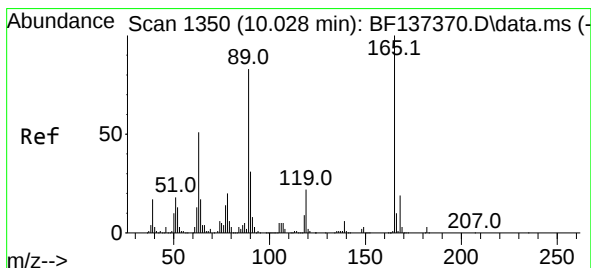
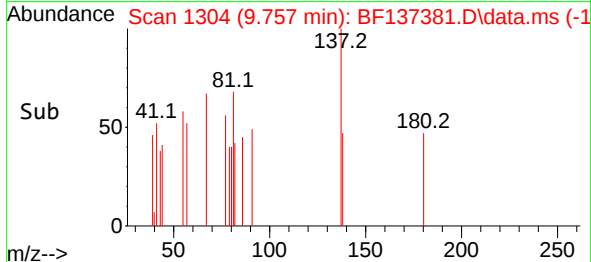
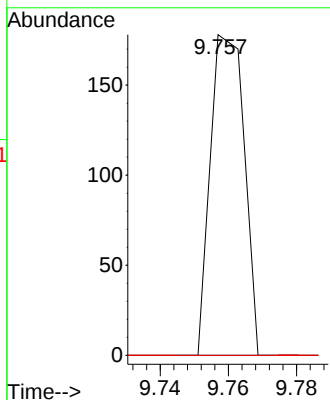
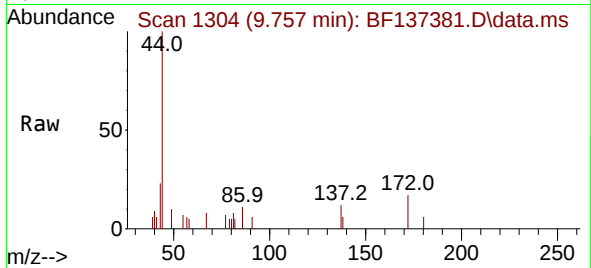




#53
3-Nitroaniline
Concen: 2.378 ng
RT: 9.757 min Scan# 111
Delta R.T. -0.041 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

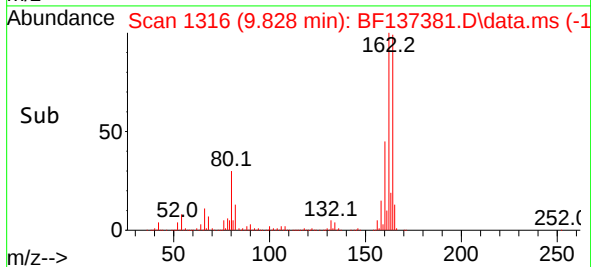
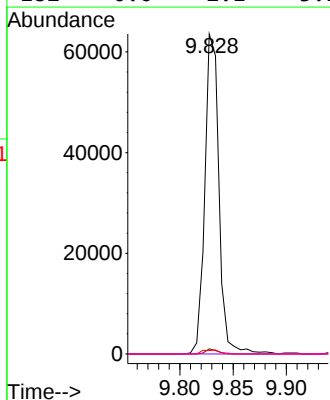
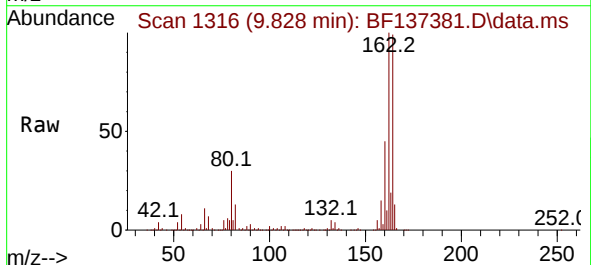
Instrument :
BNA_F
ClientSampleId :

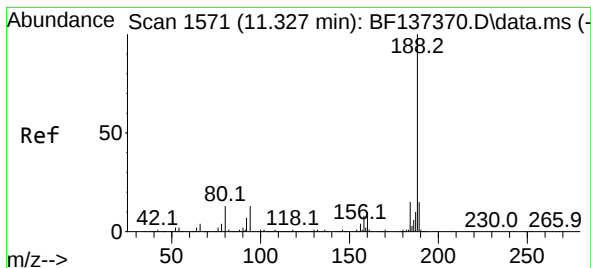
Tgt Ion:138 Resp: 123
Ion Ratio Lower Upper
138 100
108 0.0 8.2 12.2#
92 0.0 102.2 153.2#



#57
2,4-Dinitrotoluene
Concen: 8.817 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

Tgt Ion:165 Resp: 58843
Ion Ratio Lower Upper
165 100
63 1.6 41.1 61.7#
89 1.0 66.6 100.0#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137381.D

Acq: 26 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

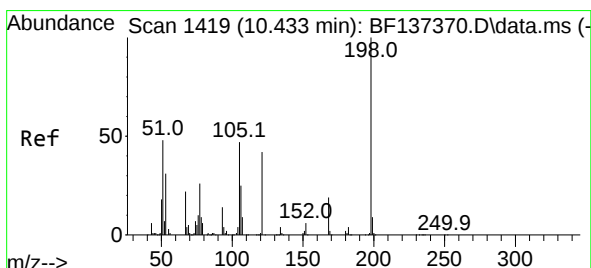
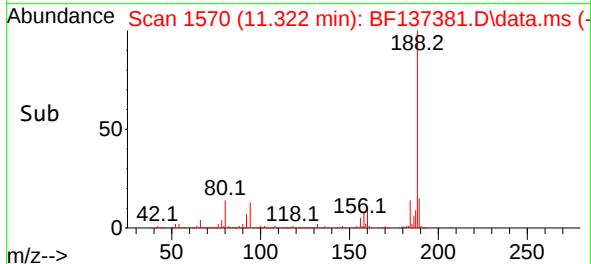
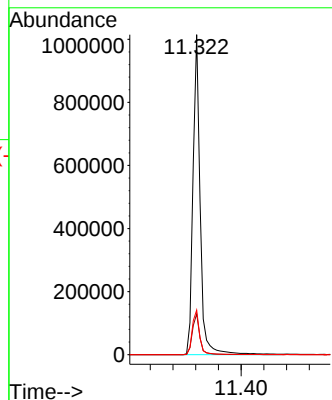
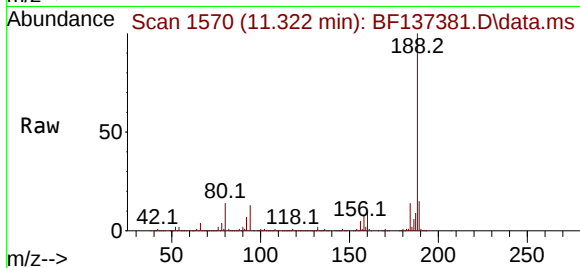
Tgt Ion:188 Resp: 890940

Ion Ratio Lower Upper

188 100

94 12.8 10.2 15.2

80 14.0 10.7 16.1



#65

4,6-Dinitro-2-methylphenol

Concen: 4.669 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.189 min

Lab File: BF137381.D

Acq: 26 Feb 2024 12:48

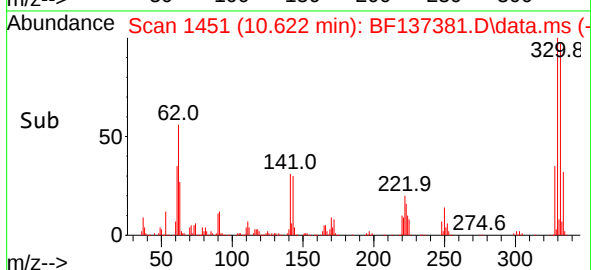
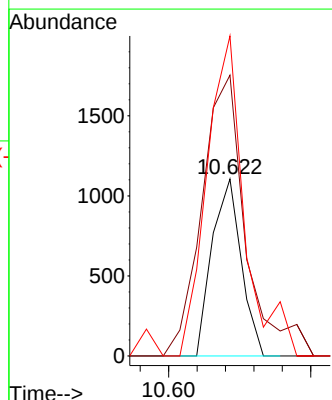
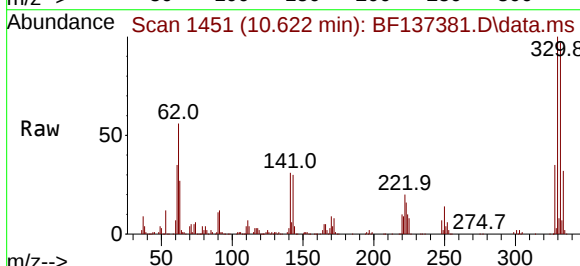
Tgt Ion:198 Resp: 786

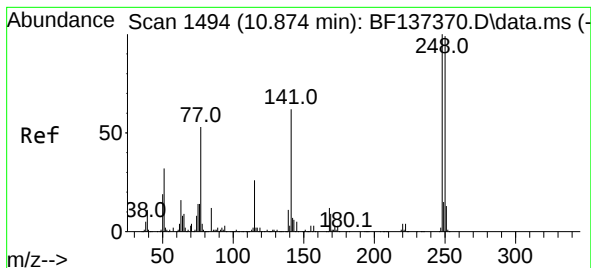
Ion Ratio Lower Upper

198 100

51 158.7 36.8 76.8#

105 180.9 28.5 68.5#

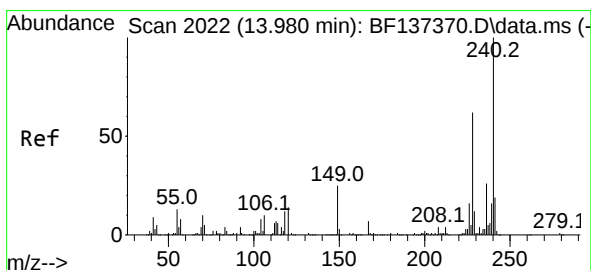
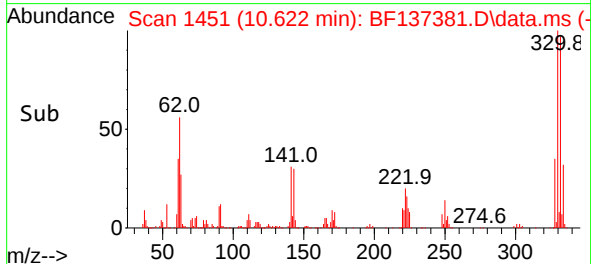
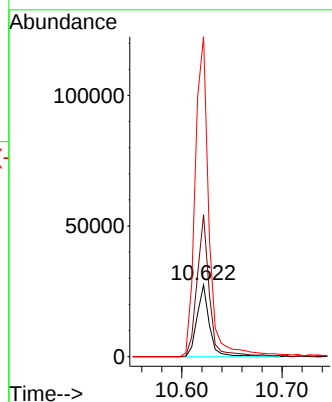
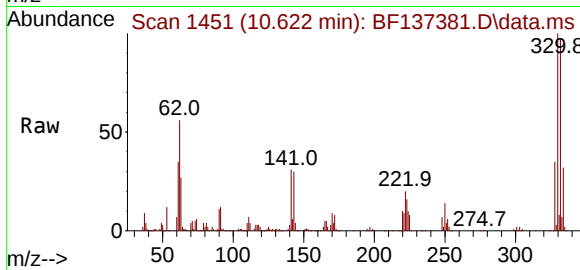




#67
4-Bromophenyl-phenylether
Concen: 2.470 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

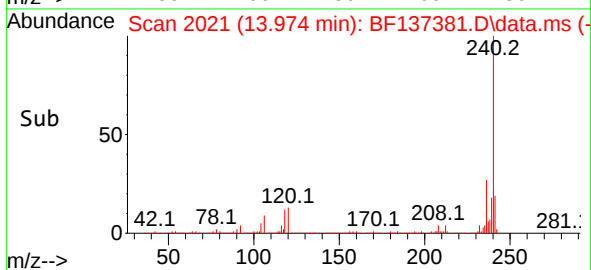
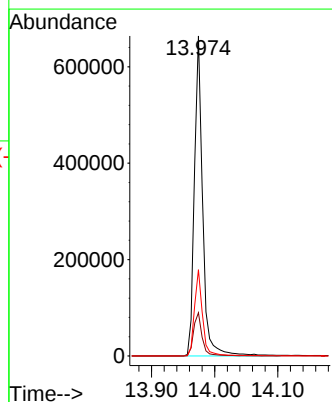
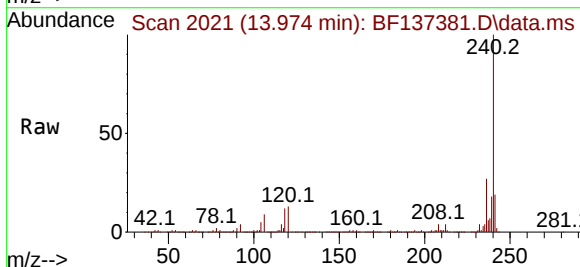
Instrument :
BNA_F
ClientSampleId :

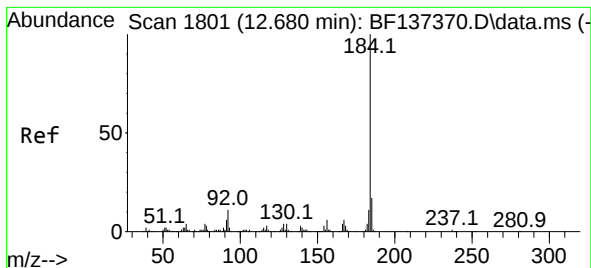
Tgt Ion:248 Resp: 23654
Ion Ratio Lower Upper
248 100
250 198.1 79.0 118.6#
141 446.6 49.9 74.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

Tgt Ion:240 Resp: 610515
Ion Ratio Lower Upper
240 100
120 13.5 11.3 16.9
236 27.0 20.5 30.7





#77

Benzidine

Concen: 10.058 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.247 min

Lab File: BF137381.D

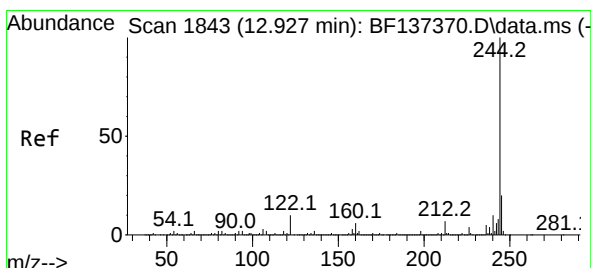
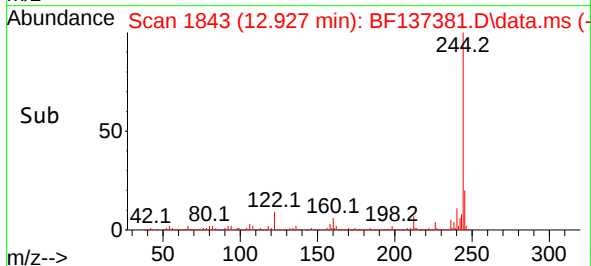
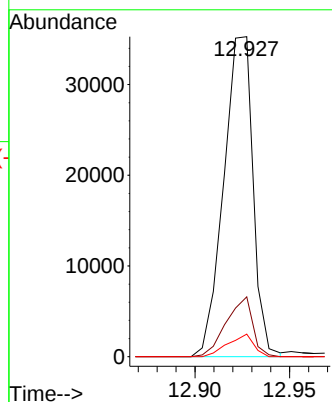
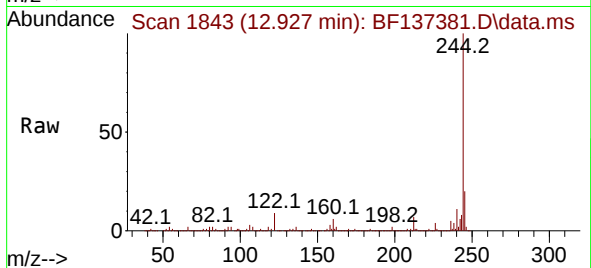
Acq: 26 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:184	Resp:	38060
Ion Ratio	Lower	Upper
184	100	
185	18.7	13.7 20.5
183	7.1	8.8 13.2#



#79

Terphenyl-d14

Concen: 74.567 ng

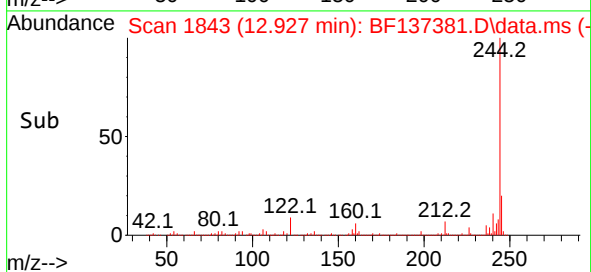
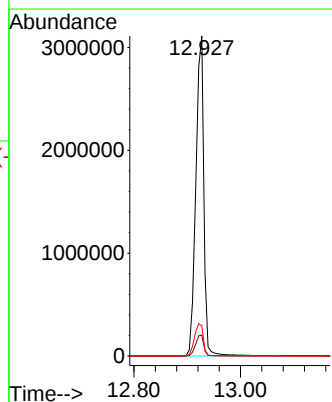
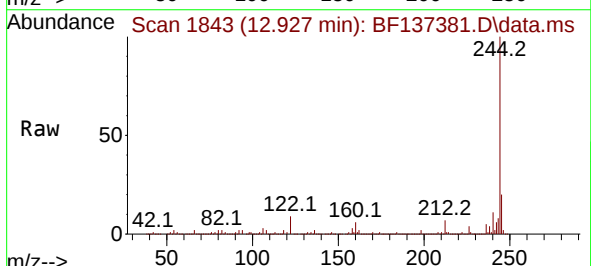
RT: 12.927 min Scan# 1843

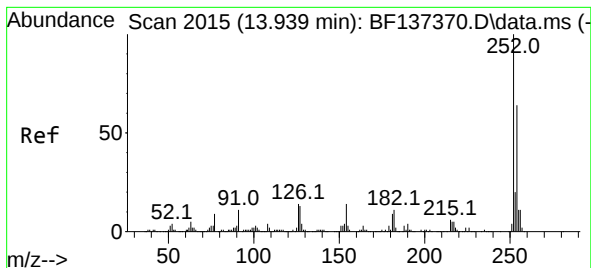
Delta R.T. 0.000 min

Lab File: BF137381.D

Acq: 26 Feb 2024 12:48

Tgt Ion:244	Resp:	3254804
Ion Ratio	Lower	Upper
244	100	
212	6.5	5.3 7.9
122	9.5	8.2 12.4





#82

3,3'-Dichlorobenzidine

Concen: 5.040 ng

RT: 13.957 min Scan# 2015

Delta R.T. 0.018 min

Lab File: BF137381.D

Acq: 26 Feb 2024 12:48

Instrument :

BNA_F

ClientSampleId :

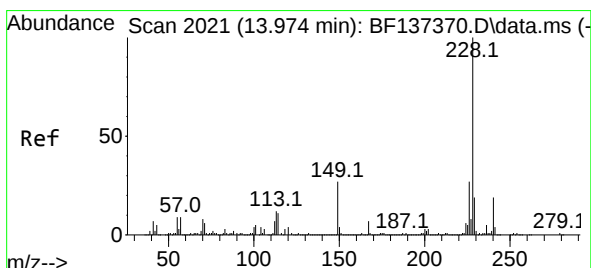
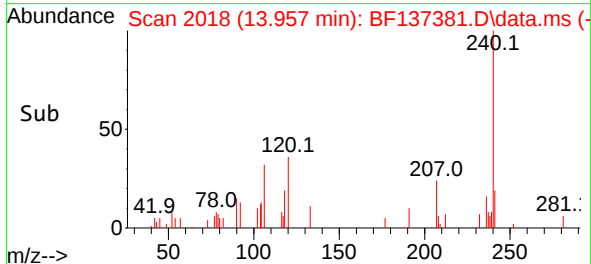
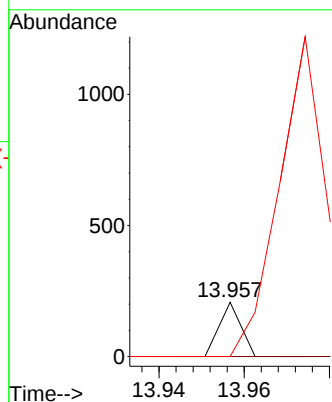
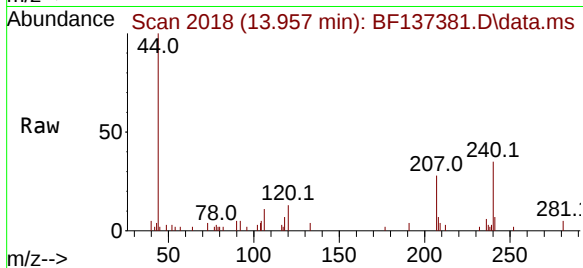
Tgt Ion:252 Resp: 73

Ion Ratio Lower Upper

252 100

254 0.0 51.2 76.8#

126 0.0 11.1 16.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.107 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF137381.D

Acq: 26 Feb 2024 12:48

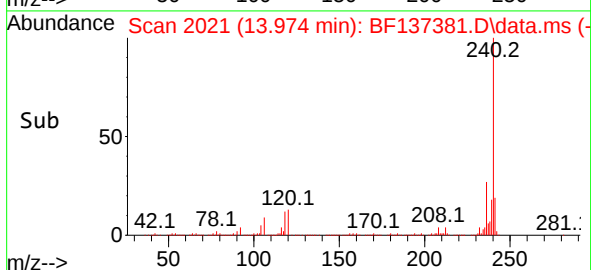
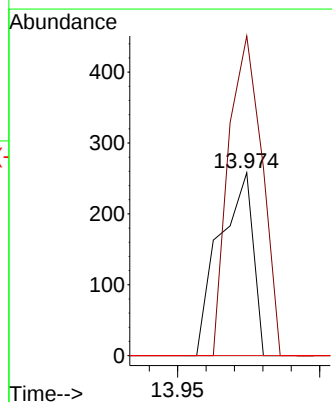
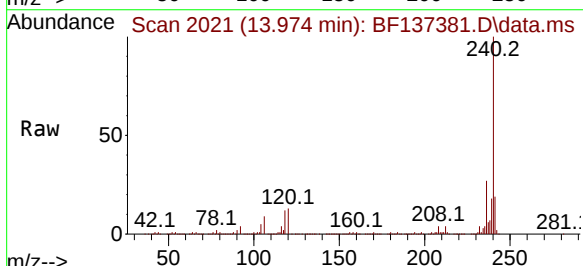
Tgt Ion:149 Resp: 213

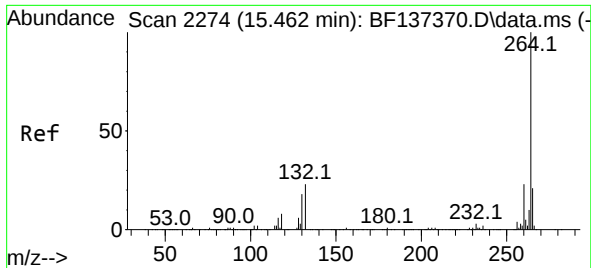
Ion Ratio Lower Upper

149 100

167 174.8 20.6 31.0#

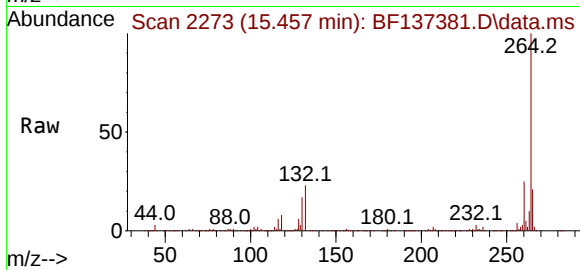
279 0.0 2.7 4.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137381.D
 Acq: 26 Feb 2024 12:48

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 429746
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.5 27.7
 265 21.4 16.9 25.3

