

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 :
 PB159110BL

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)

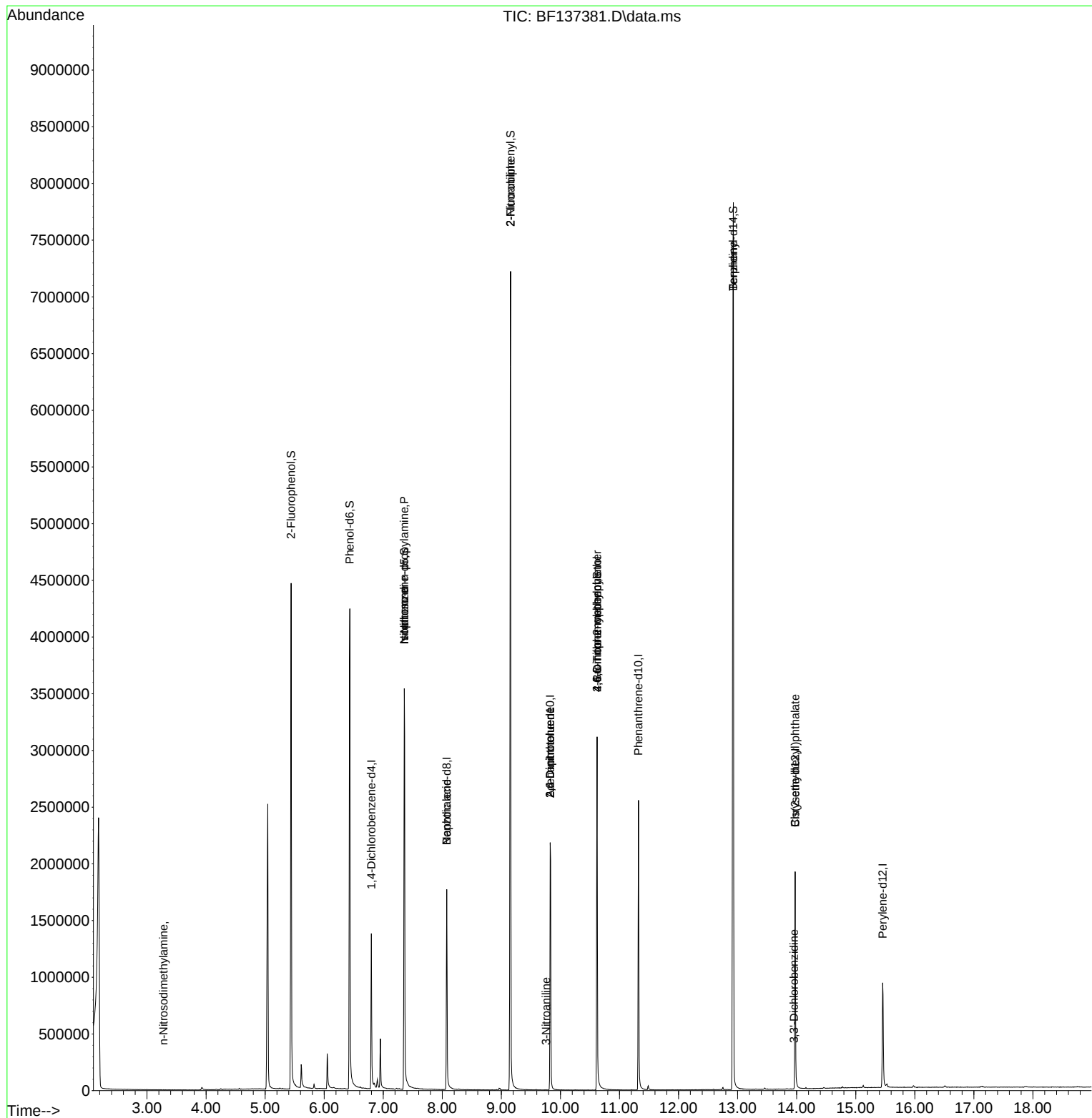
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	197676	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	822681	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	456569	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	890940	20.000	ng	0.00
76) Chrysene-d12	13.974	240	610515	20.000	ng	0.00
86) Perylene-d12	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

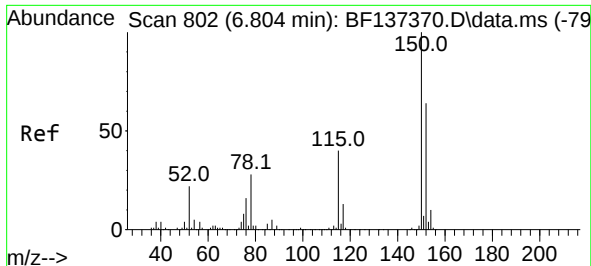
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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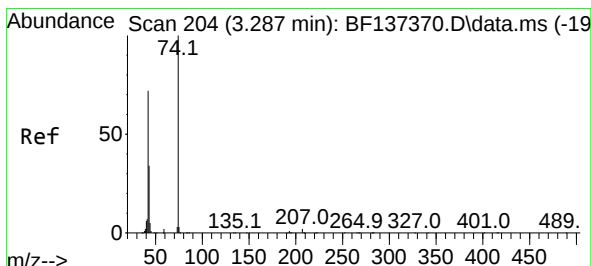
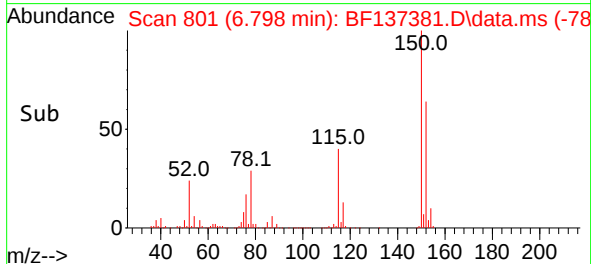
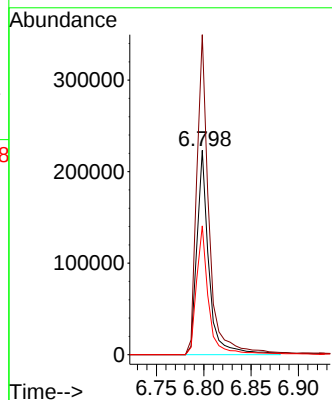
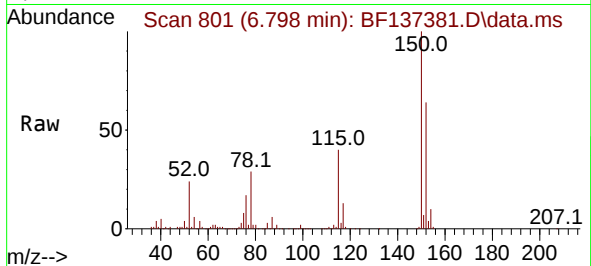




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

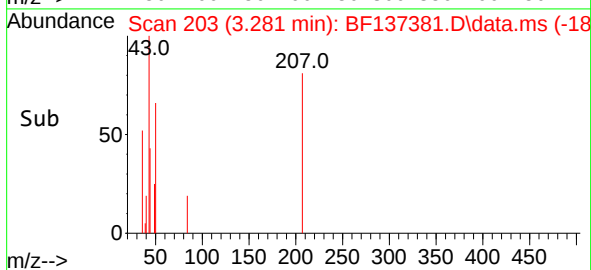
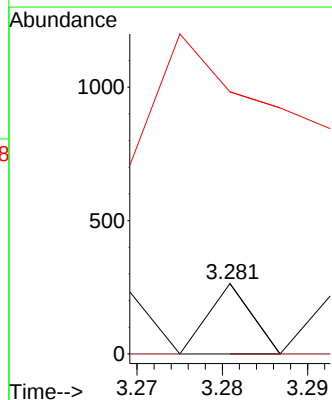
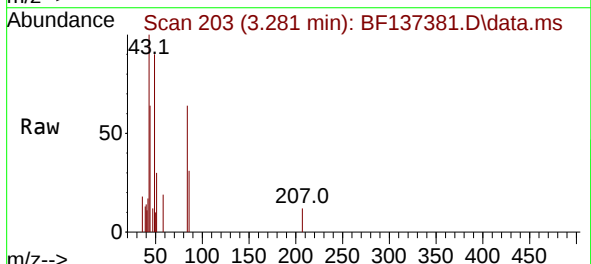
Instrument :
BNA_F
ClientSampleId :
PB159110BL

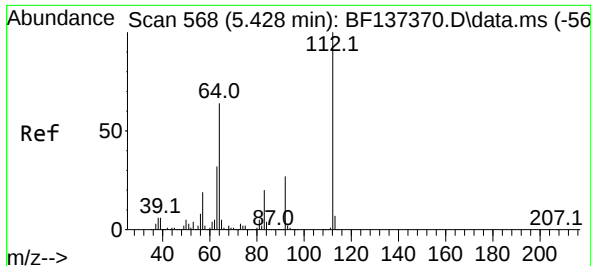
Tgt Ion:152 Resp: 197676
Ion Ratio Lower Upper
152 100
150 156.7 125.7 188.5
115 63.0 49.8 74.8



#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#

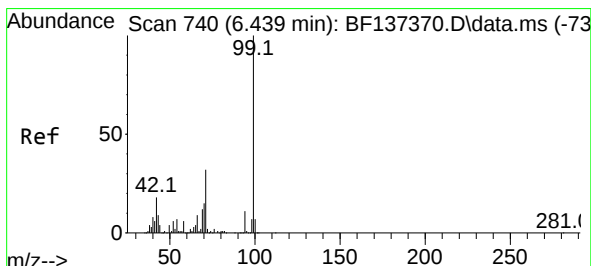
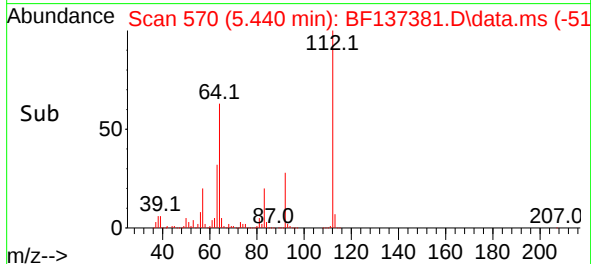
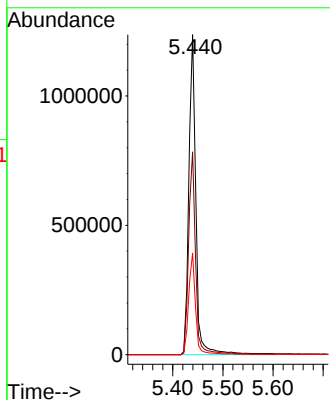
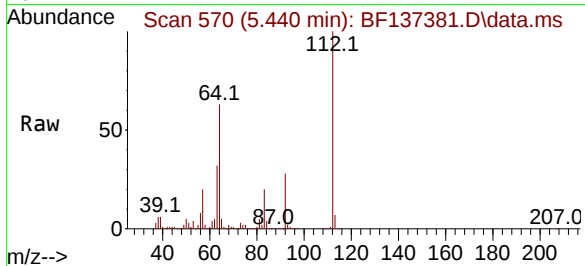




#5
2-Fluorophenol
Concen: 94.854 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

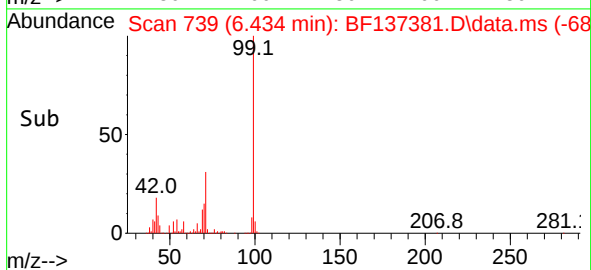
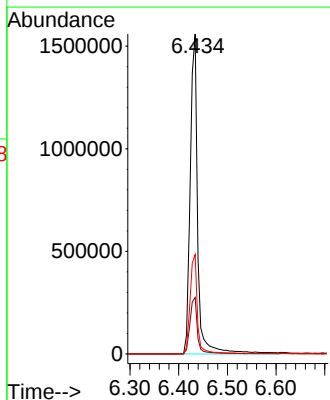
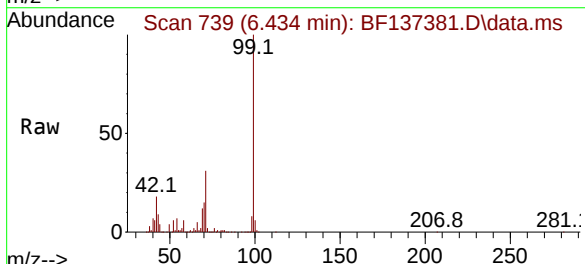
Instrument :
BNA_F
ClientSampleId :
PB159110BL

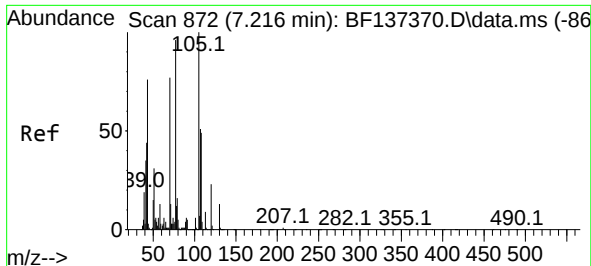
Tgt Ion:112 Resp: 1215161
Ion Ratio Lower Upper
112 100
64 63.4 51.0 76.6
63 31.8 25.7 38.5



#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



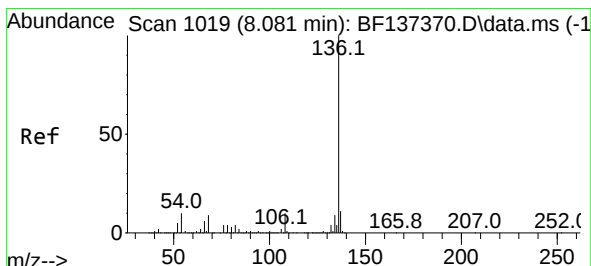
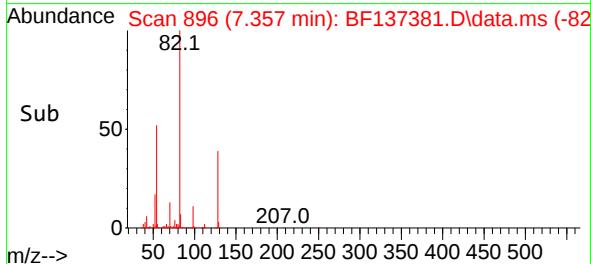
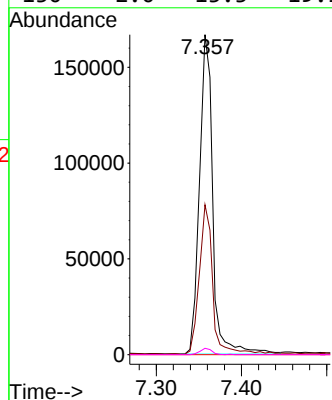
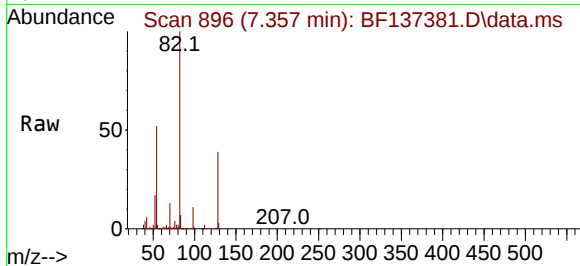


#19
n-Nitroso-di-n-propylamine
Concen: 15.556 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

Instrument :
BNA_F
ClientSampleId :
PB159110BL

Tgt Ion: 70 Resp: 180650

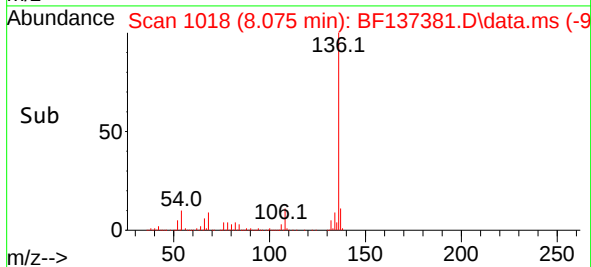
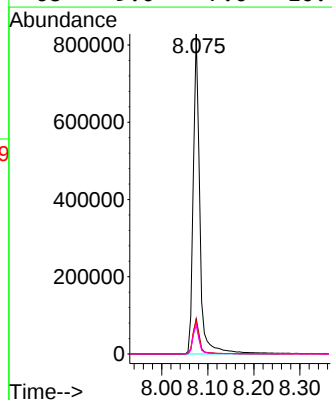
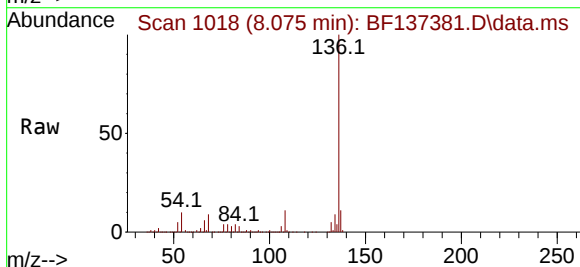
Ion	Ratio	Lower	Upper
70	100		
42	46.8	45.3	67.9
101	0.0	6.5	9.7#
130	2.0	13.3	19.9#

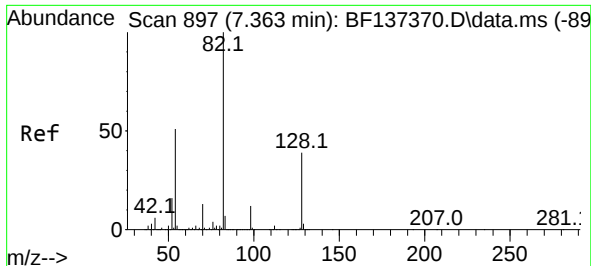


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

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 :

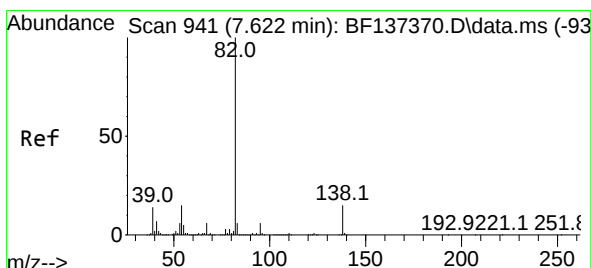
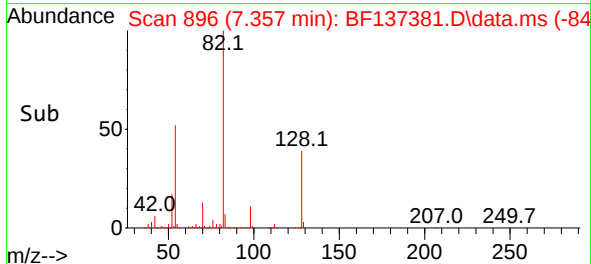
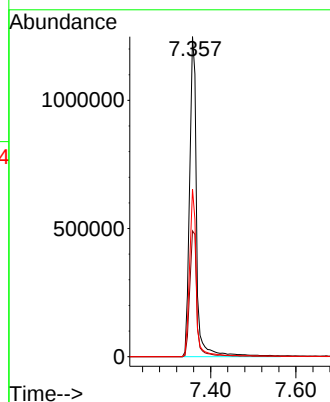
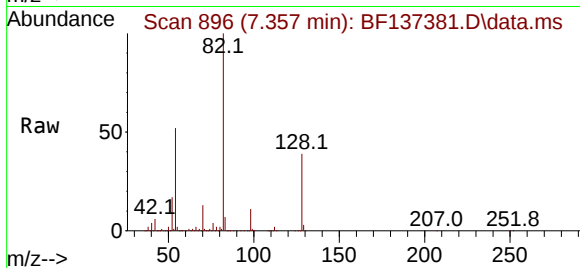
BNA_F

ClientSampleId :

PB159110BL

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

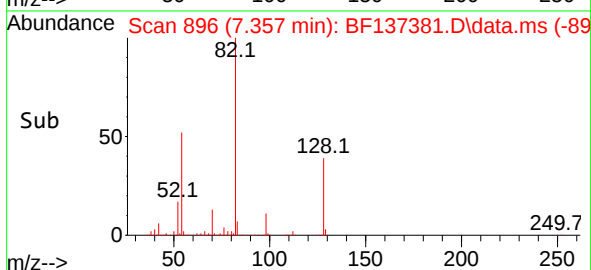
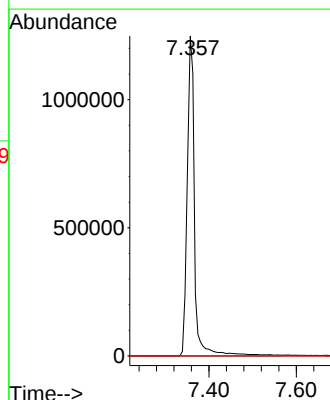
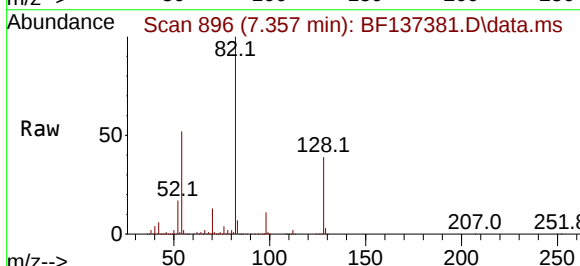
Delta R.T. -0.265 min

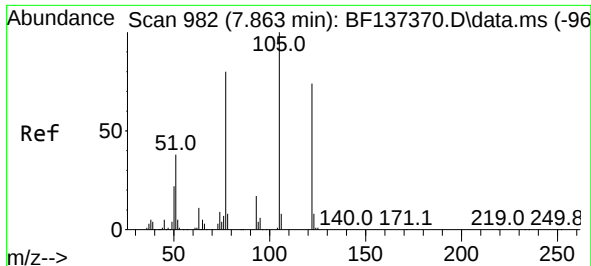
Lab File: BF137381.D

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#

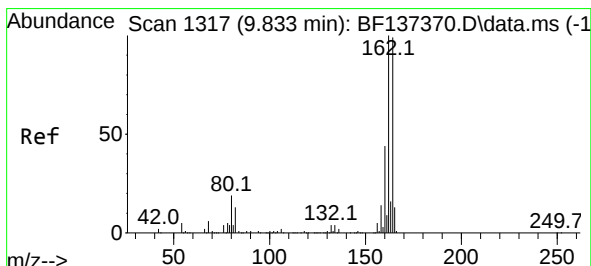
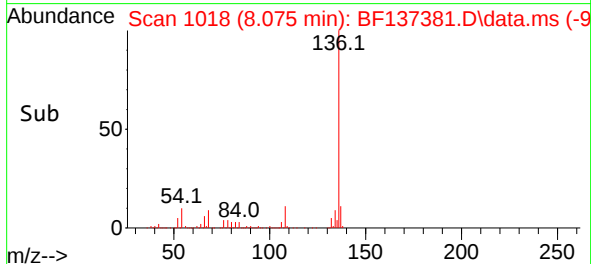
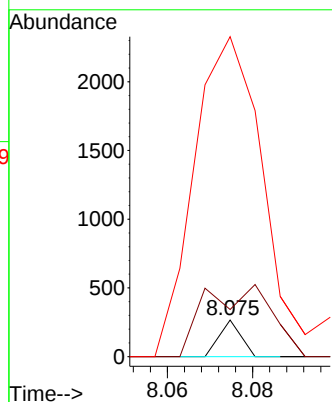
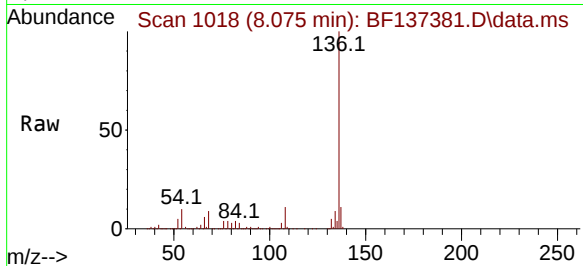




#32
Benzoic acid
Concen: 6.961 ng
RT: 8.075 min Scan# 10
Delta R.T. 0.212 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

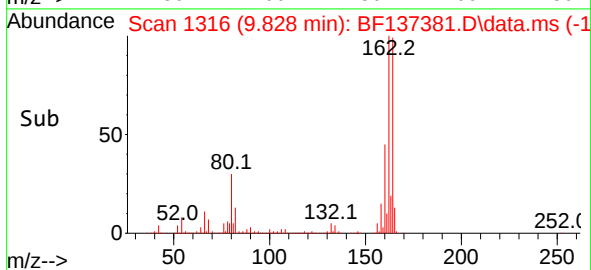
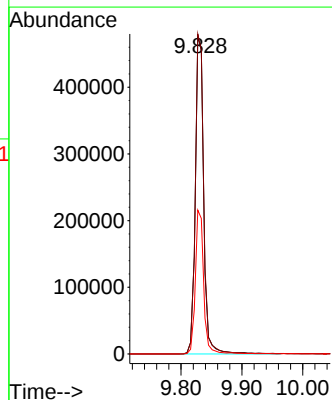
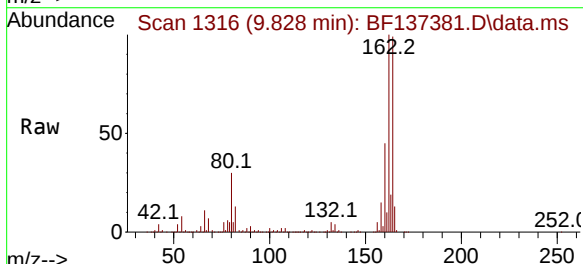
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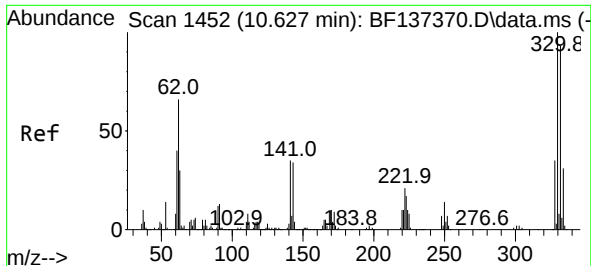
Tgt Ion:122 Resp: 94
Ion Ratio Lower Upper
122 100
105 128.5 101.1 141.1
77 871.9 82.8 122.8#



#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 :

PB159110BL

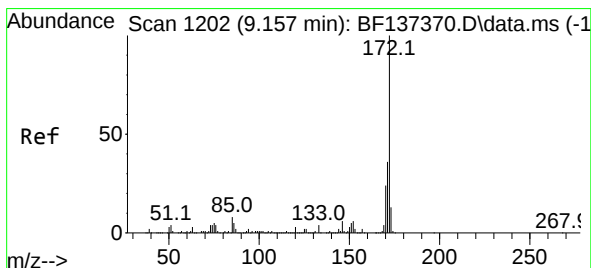
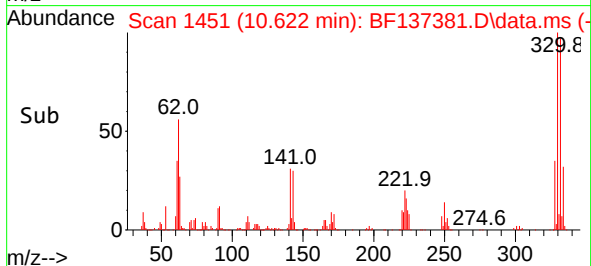
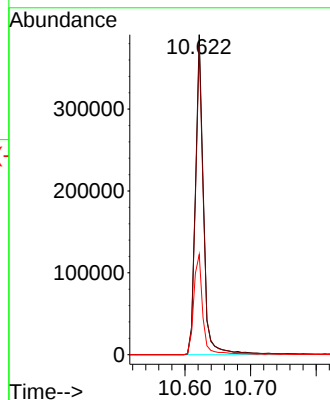
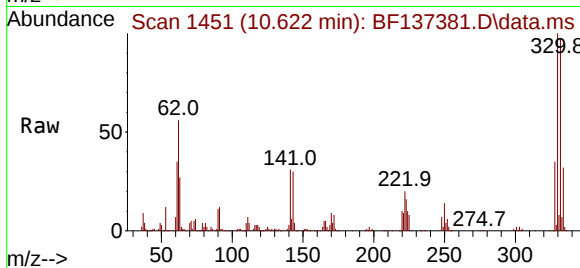
Tgt Ion:330 Resp: 336231

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

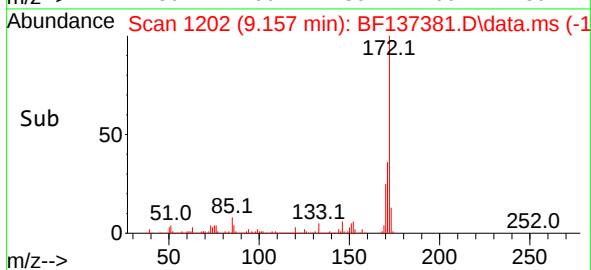
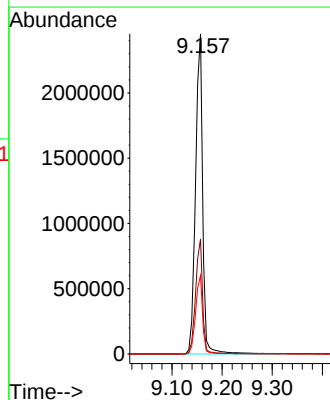
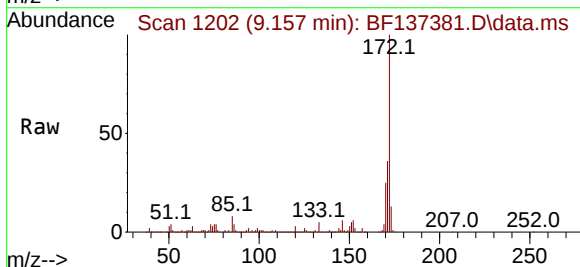
Tgt Ion:172 Resp: 2425500

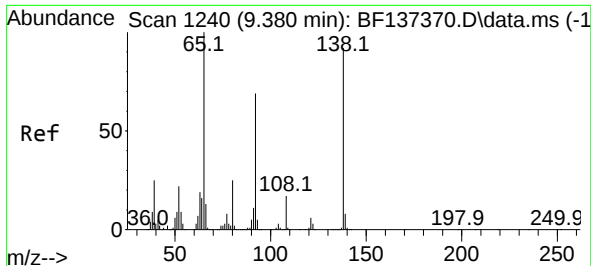
Ion Ratio Lower Upper

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

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ClientSampleId :

PB159110BL

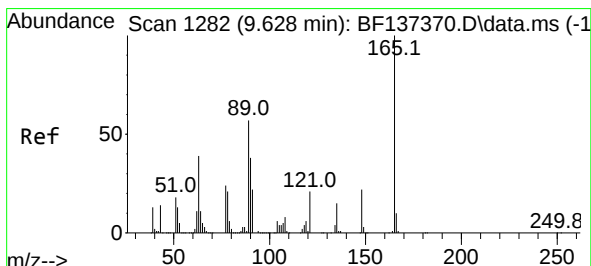
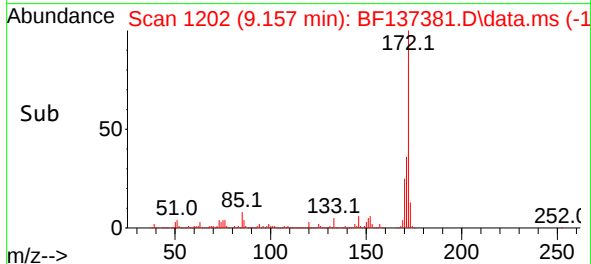
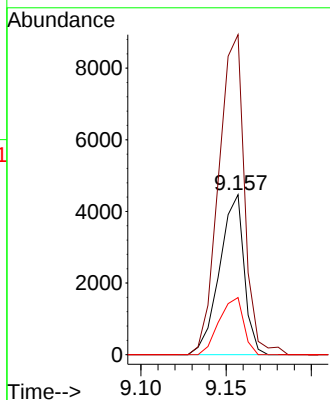
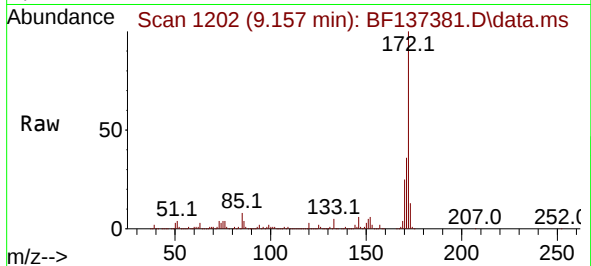
Tgt Ion: 65 Resp: 4495

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

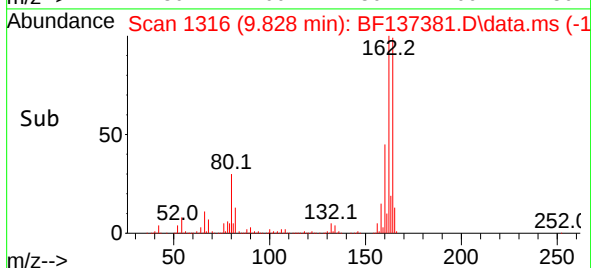
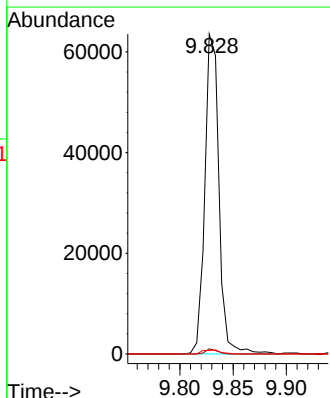
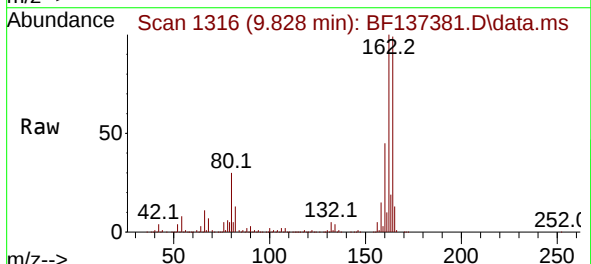
Tgt Ion: 165 Resp: 58843

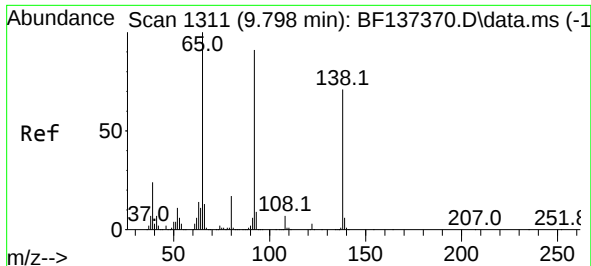
Ion Ratio Lower Upper

165 100

63 1.6 41.6 62.4#

89 1.0 45.8 68.6#

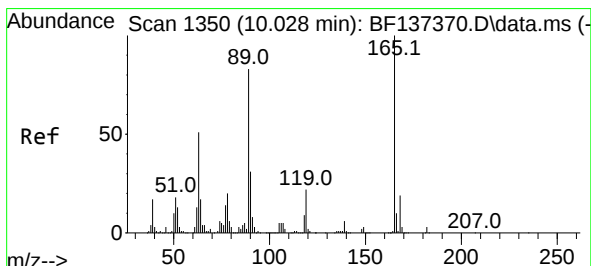
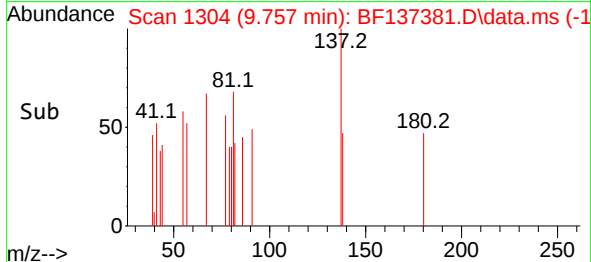
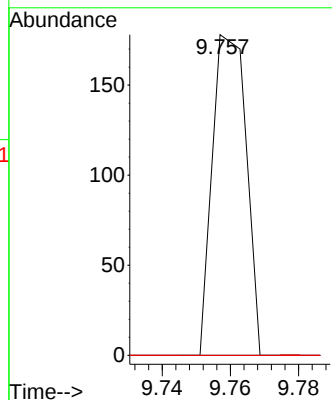
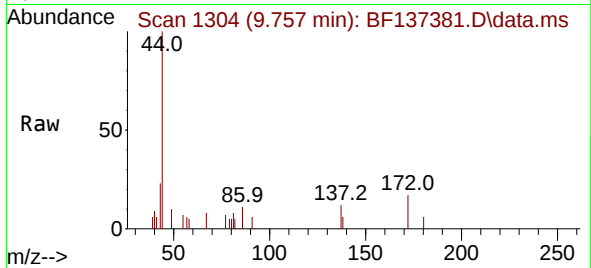




#53
3-Nitroaniline
Concen: 2.378 ng
RT: 9.757 min Scan# 111
Delta R.T. -0.041 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

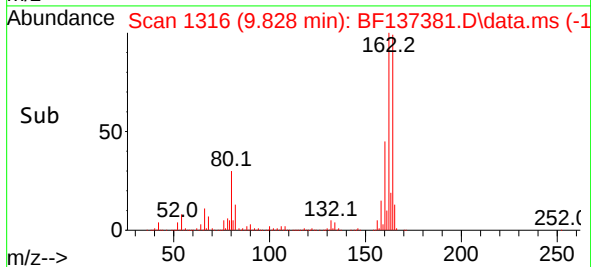
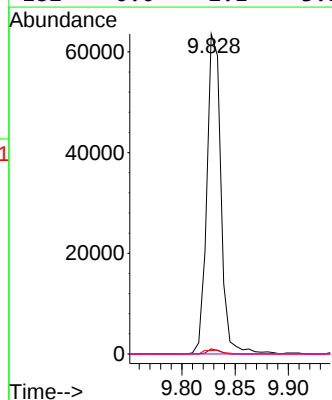
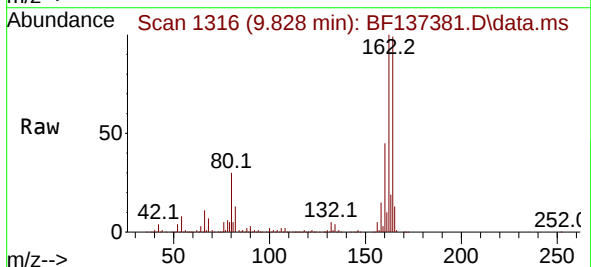
Instrument :
BNA_F
ClientSampleId :
PB159110BL

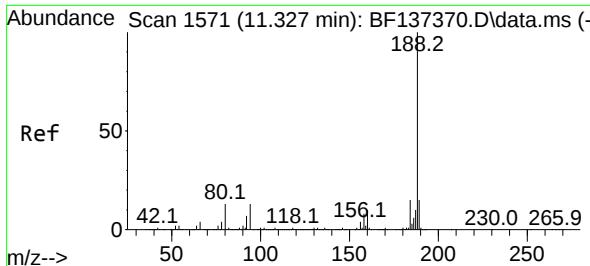
Tgt Ion:138 Resp: 123
Ion Ratio Lower Upper
138 100
108 0.0 8.2 12.2#
92 0.0 102.2 153.2#



#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#

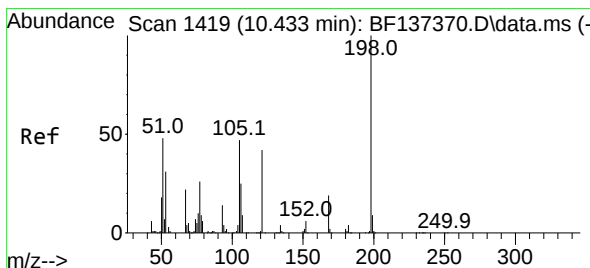
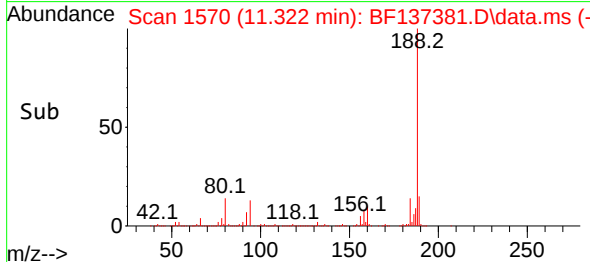
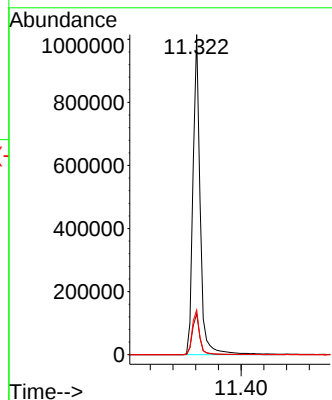
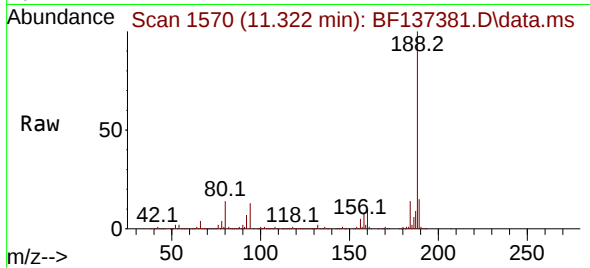




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

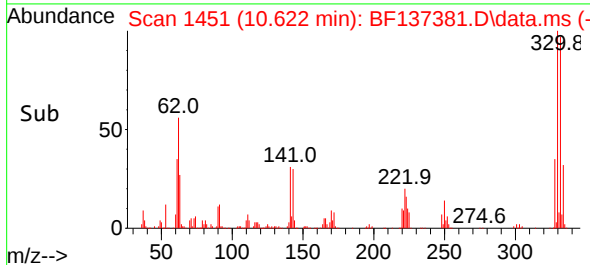
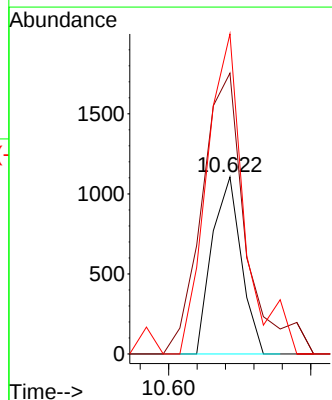
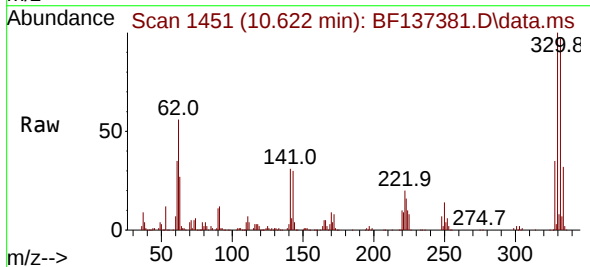
Instrument :
BNA_F
ClientSampleId :
PB159110BL

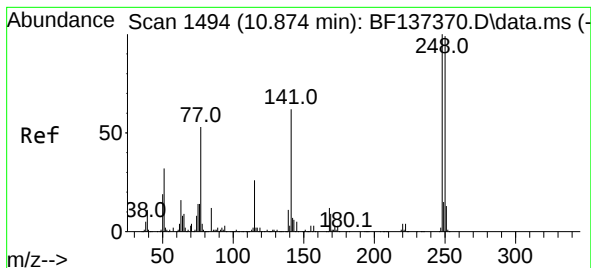
Tgt Ion:188 Resp: 890940
Ion Ratio Lower Upper
188 100
94 12.8 10.2 15.2
80 14.0 10.7 16.1



#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#

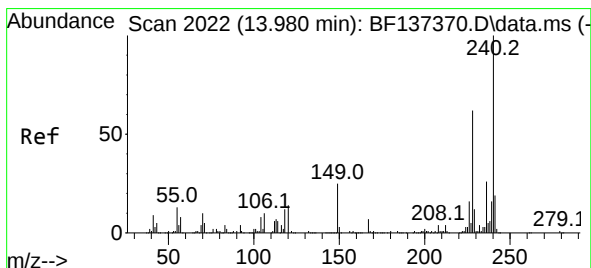
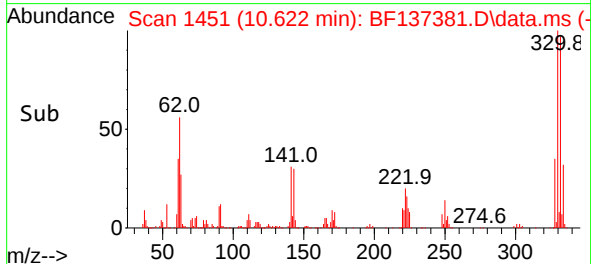
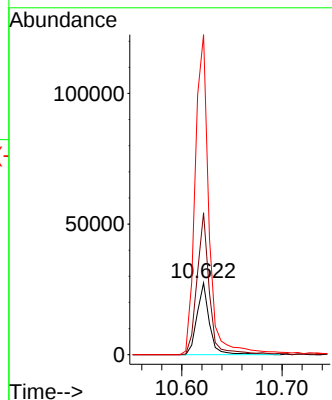
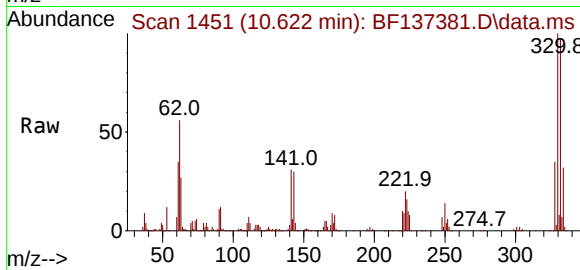




#67
4-Bromophenyl-phenylether
Concen: 2.470 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

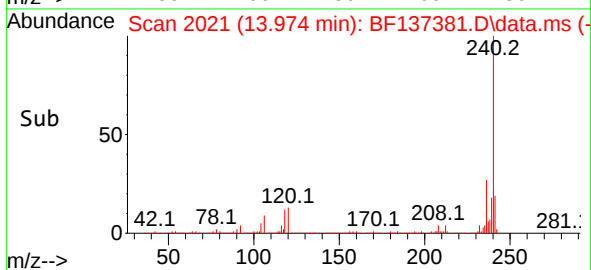
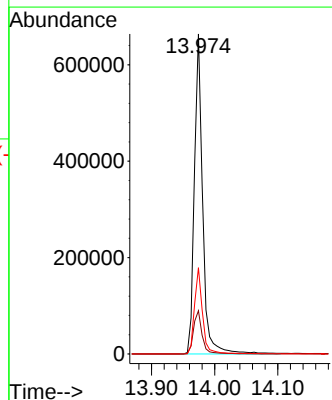
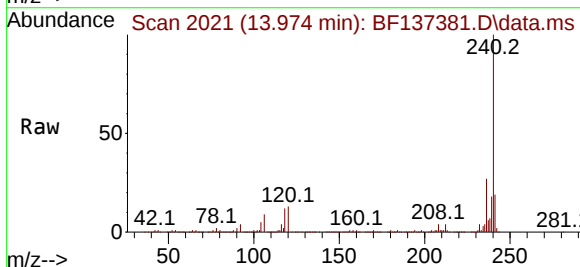
Instrument :
BNA_F
ClientSampleId :
PB159110BL

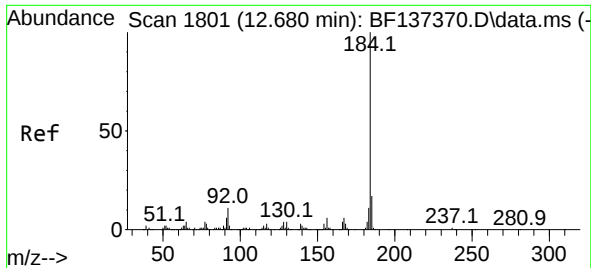
Tgt Ion:248 Resp: 23654
Ion Ratio Lower Upper
248 100
250 198.1 79.0 118.6#
141 446.6 49.9 74.9#



#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

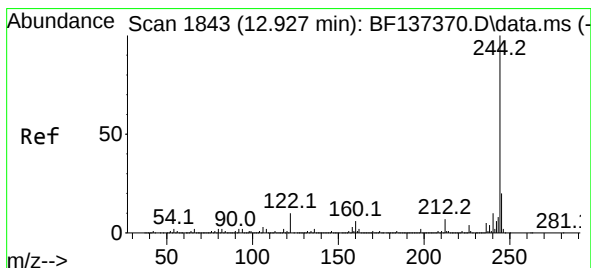
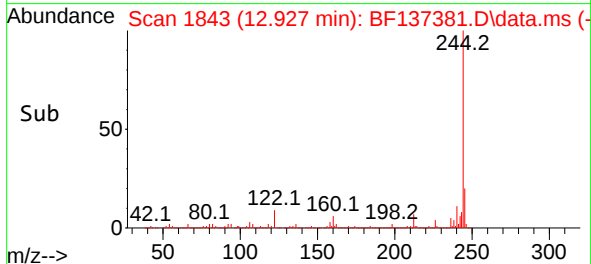
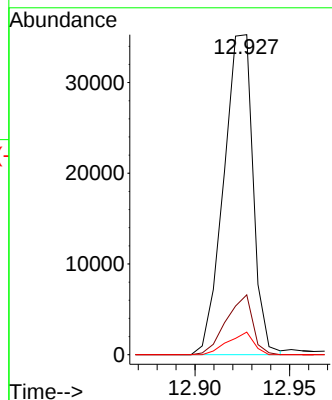
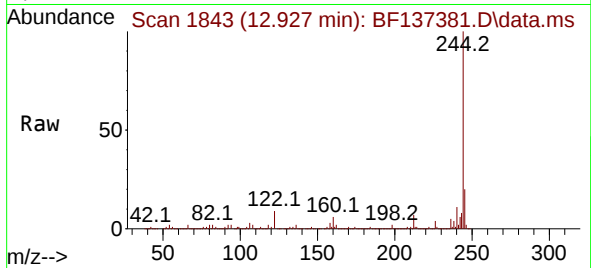




#77
Benzidine
Concen: 10.058 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF137381.D
Acq: 26 Feb 2024 12:48

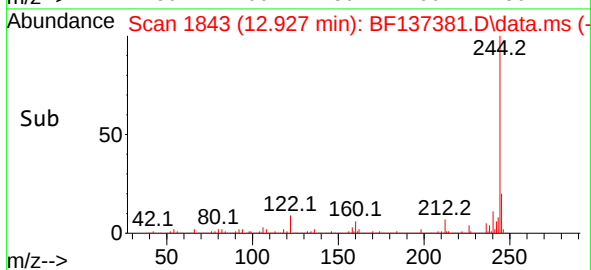
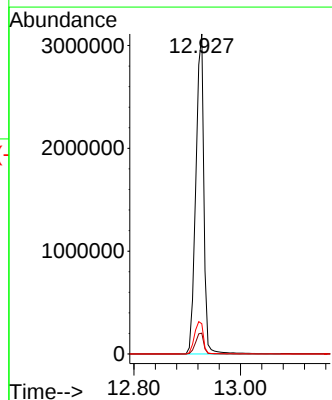
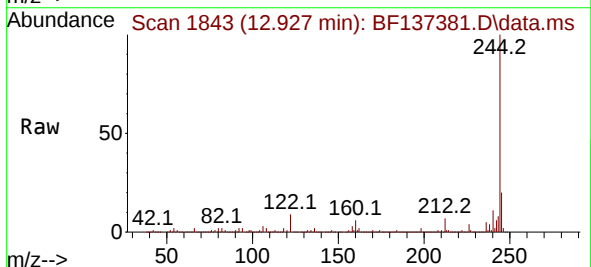
Instrument :
BNA_F
ClientSampleId :
PB159110BL

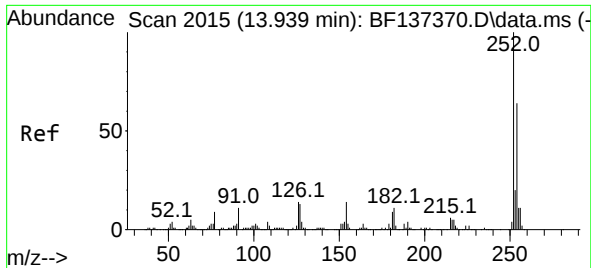
Tgt Ion:184 Resp: 38060
Ion Ratio Lower Upper
184 100
185 18.7 13.7 20.5
183 7.1 8.8 13.2#



#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

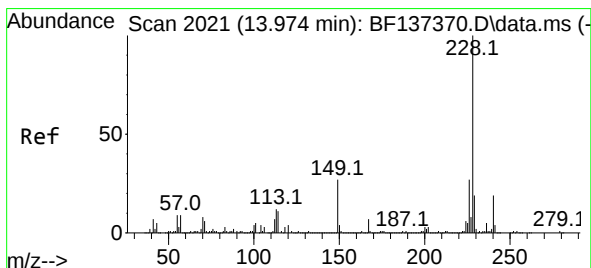
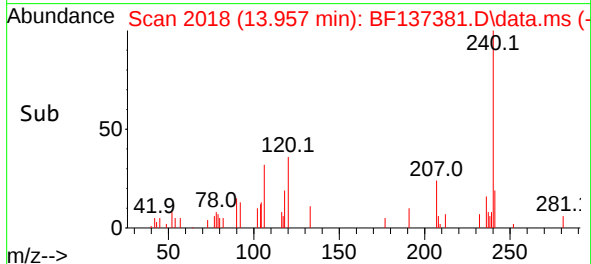
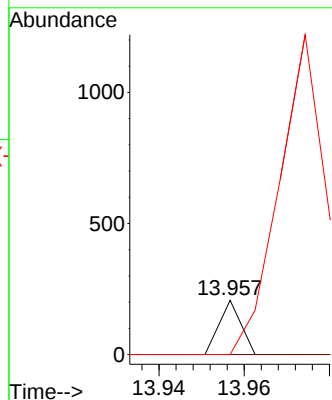
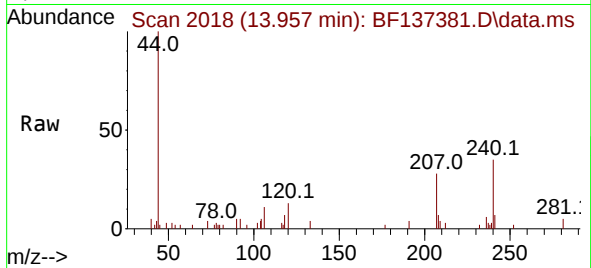




#82
 3,3'-Dichlorobenzidine
 Concen: 5.040 ng
 RT: 13.957 min Scan# 2015
 Delta R.T. 0.018 min
 Lab File: BF137381.D
 Acq: 26 Feb 2024 12:48

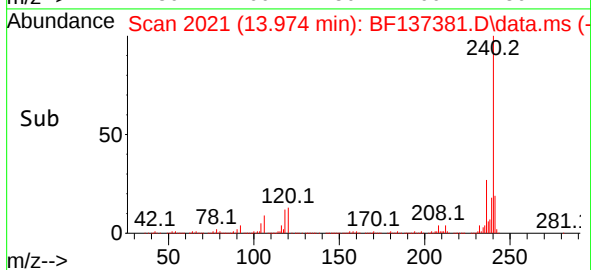
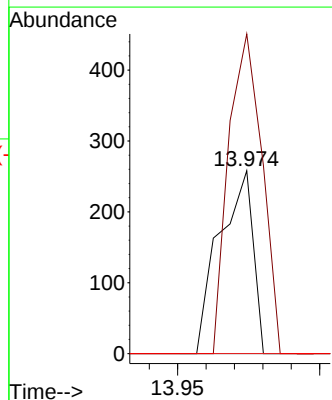
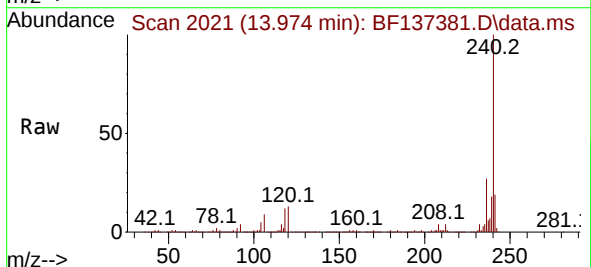
Instrument :
 BNA_F
 ClientSampleId :
 PB159110BL

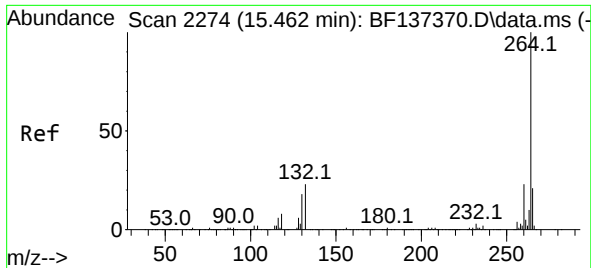
Tgt Ion:252 Resp: 73
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.2 76.8#
 126 0.0 11.1 16.7#



#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 :
PB159110BL

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

