

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137378.D
 Acq On : 26 Feb 2024 11:20
 Operator : CG\JU
 Sample : PB159212BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159212BL

Quant Time: Feb 26 11:52:09 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

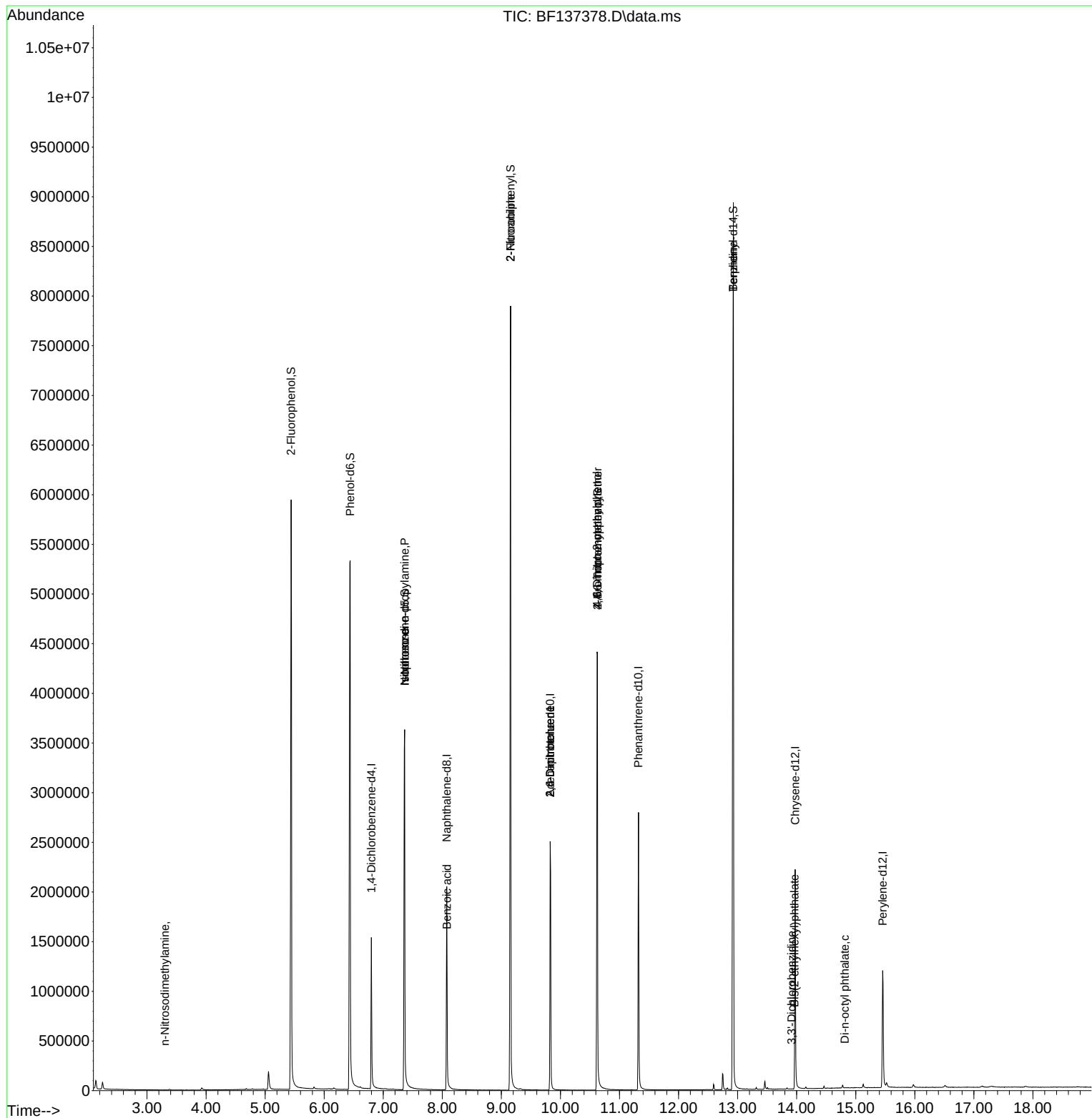
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	224660	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	915558	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	517097	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	996567	20.000	ng	0.00
76) Chrysene-d12	13.974	240	730327	20.000	ng	0.00
86) Perylene-d12	15.457	264	558636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1852473	127.233	ng	0.01
7) Phenol-d6	6.440	99	2494582	116.474	ng	0.00
23) Nitrobenzene-d5	7.363	82	1498555	81.715	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	613587	136.265	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2572190	77.442	ng	0.00
79) Terphenyl-d14	12.927	244	3556518	68.113	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.304	42	442	5.158	ng	# 1
19) n-Nitroso-di-n-propyla...	7.363	70	195363	14.802	ng	# 79
25) Isophorone	7.363	82	1498546	39.514	ng	# 69
32) Benzoic acid	8.081	122	167	6.967	ng	# 1
48) 2-Nitroaniline	9.157	65	4481	4.716	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	66308	9.975	ng	# 26
57) 2,4-Dinitrotoluene	9.828	165	66479	8.798	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	1304	4.748	ng	# 1
67) 4-Bromophenyl-phenylether	10.628	248	40592	3.789	ng	# 1
77) Benzidine	12.927	184	41693	9.795	ng	# 93
82) 3,3'-Dichlorobenzidine	13.916	252	168	5.046	ng	# 27
84) Bis(2-ethylhexyl)phtha...	13.963	149	311	4.112	ng	# 54
85) Di-n-octyl phthalate	14.815	149	64	5.998	ng	# 63

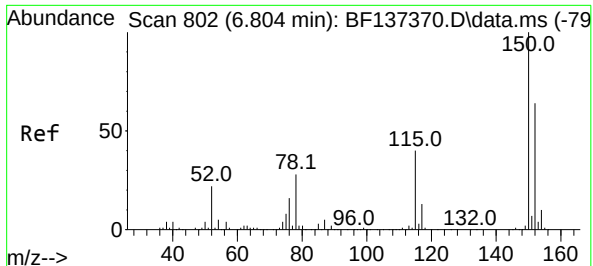
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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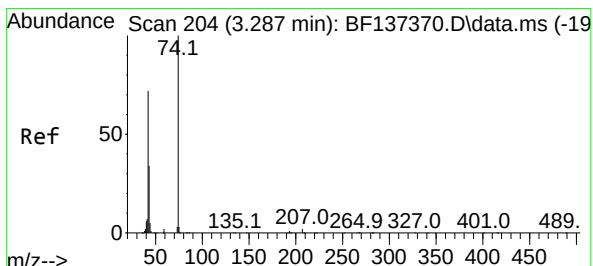
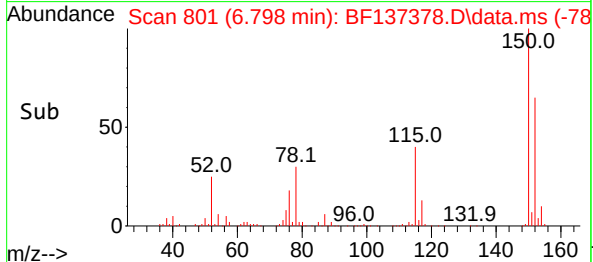
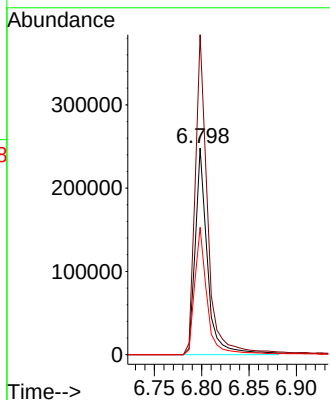
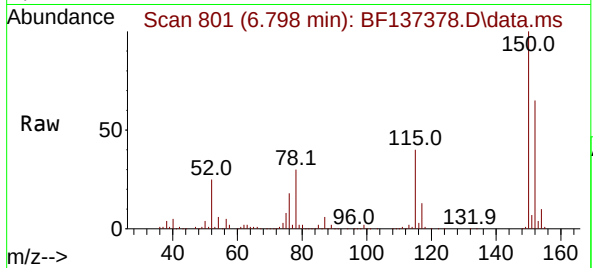




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

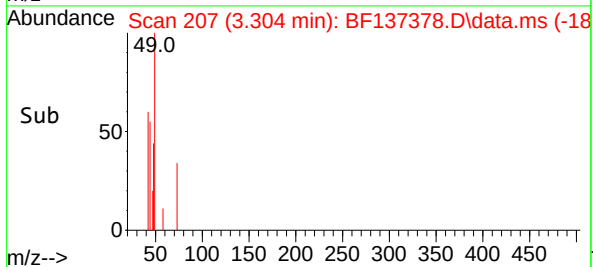
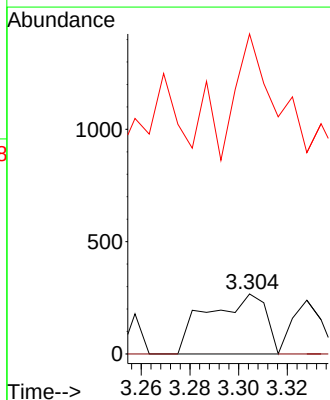
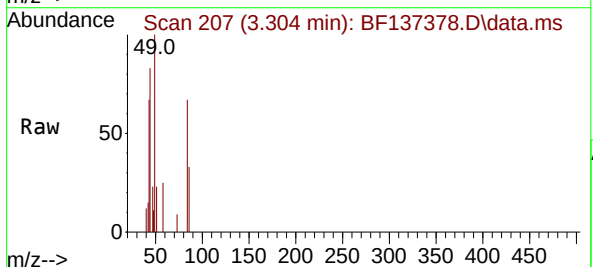
Instrument :
BNA_F
ClientSampleId :
PB159212BL

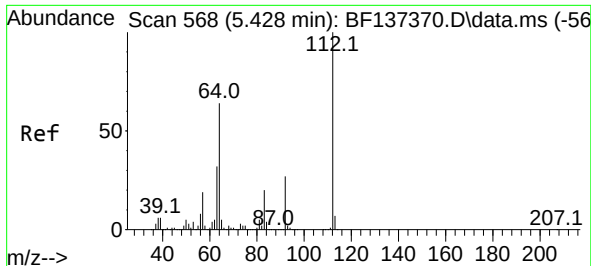
Tgt Ion:152 Resp: 224660
Ion Ratio Lower Upper
152 100
150 154.9 125.7 188.5
115 61.6 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.158 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.017 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Tgt Ion: 42 Resp: 442
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 533.7 6.0 9.0#

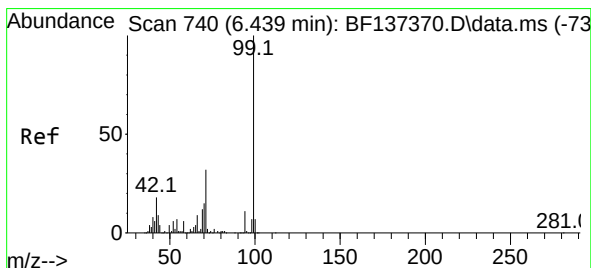
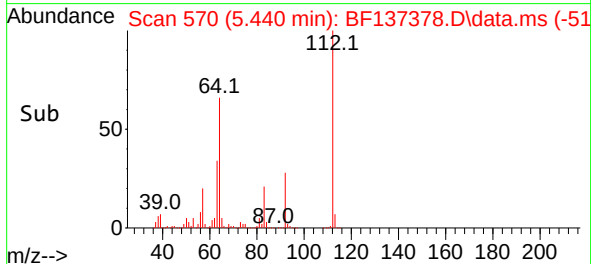
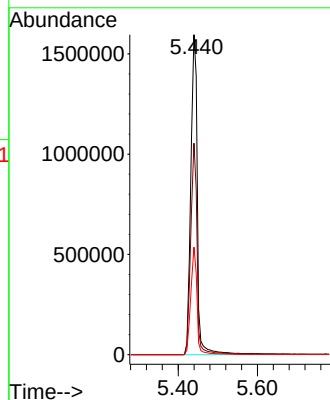
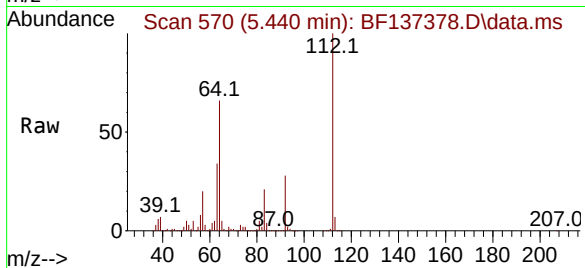




#5
2-Fluorophenol
Concen: 127.233 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

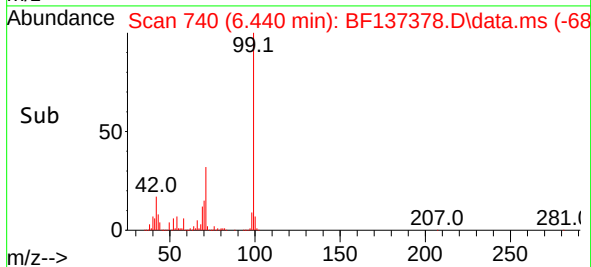
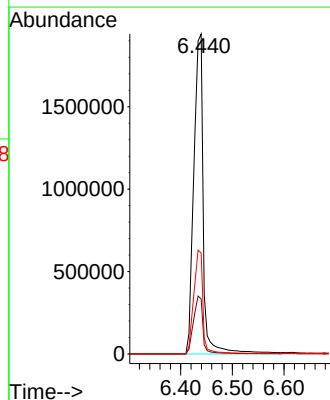
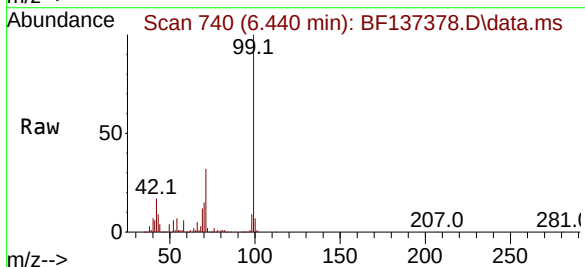
Instrument :
BNA_F
ClientSampleId :
PB159212BL

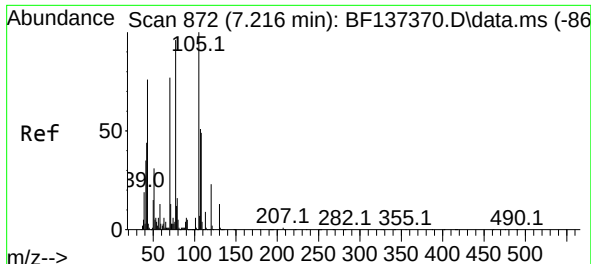
Tgt Ion:112 Resp: 1852473
Ion Ratio Lower Upper
112 100
64 66.1 51.0 76.6
63 33.6 25.7 38.5



#7
Phenol-d6
Concen: 116.474 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Tgt Ion: 99 Resp: 2494582
Ion Ratio Lower Upper
99 100
42 17.2 14.2 21.4
71 31.6 25.2 37.8

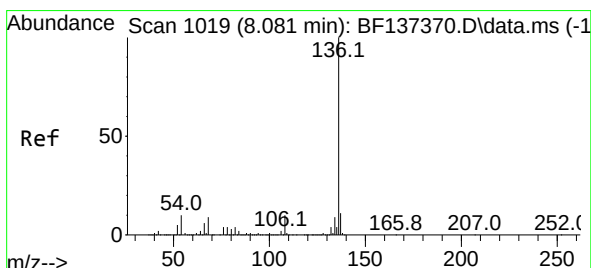
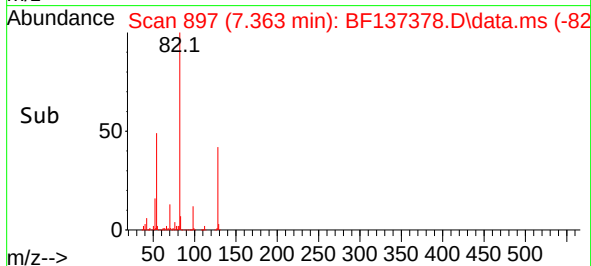
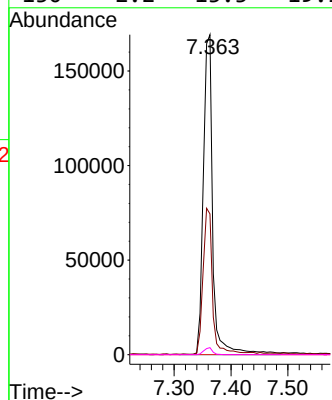
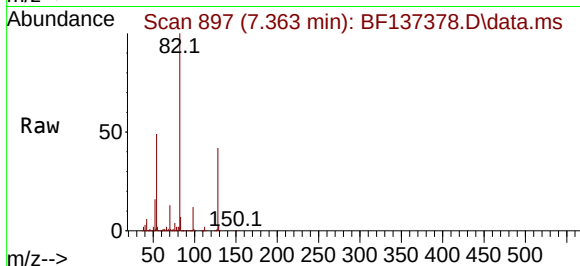




#19
n-Nitroso-di-n-propylamine
Concen: 14.802 ng
RT: 7.363 min Scan# 89
Delta R.T. 0.147 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

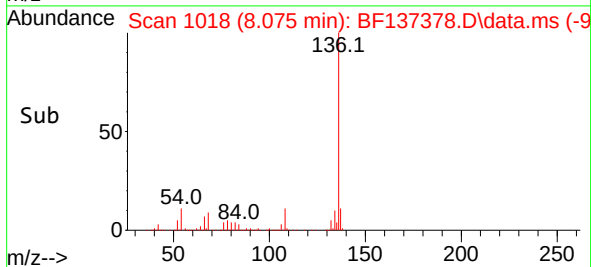
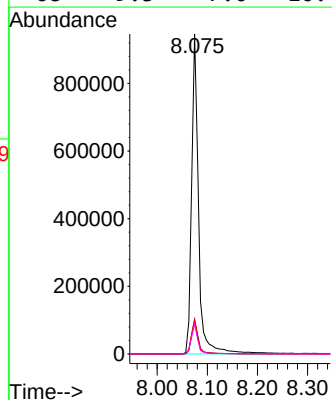
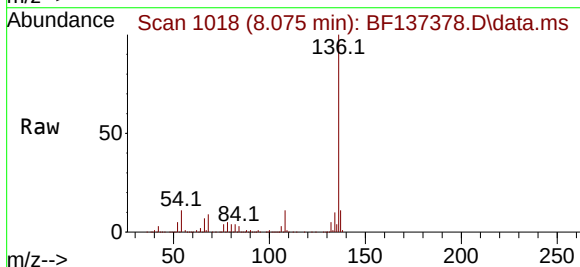
Instrument :
BNA_F
ClientSampleId :
PB159212BL

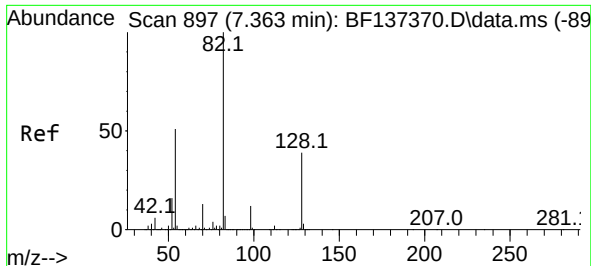
Tgt Ion: 70 Resp: 195363
Ion Ratio Lower Upper
70 100
42 44.0 45.3 67.9#
101 0.0 6.5 9.7#
130 2.2 13.3 19.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Tgt Ion:136 Resp: 915558
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 10.8 7.8 11.6
68 9.3 7.0 10.4





#23

Nitrobenzene-d5

Concen: 81.715 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF137378.D

Acq: 26 Feb 2024 11:20

Instrument :

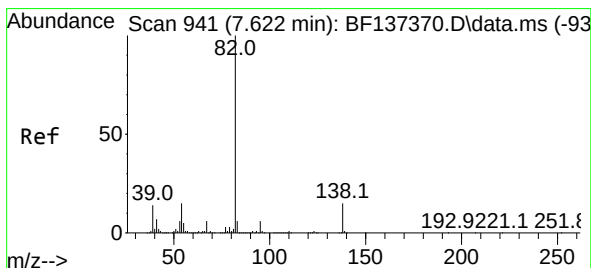
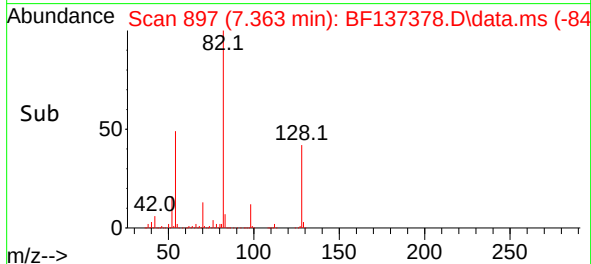
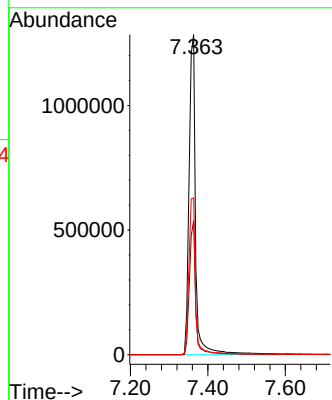
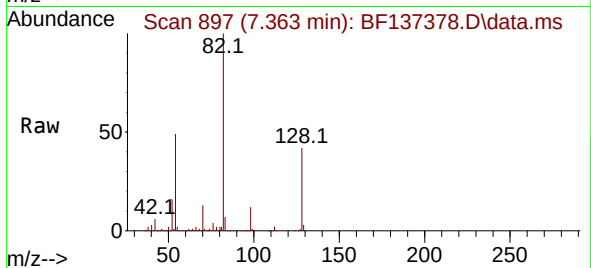
BNA_F

ClientSampleId :

PB159212BL

Tgt Ion: 82 Resp: 1498555

Ion	Ratio	Lower	Upper
82	100		
128	41.9	30.8	46.2
54	48.9	40.8	61.2



#25

Isophorone

Concen: 39.514 ng

RT: 7.363 min Scan# 897

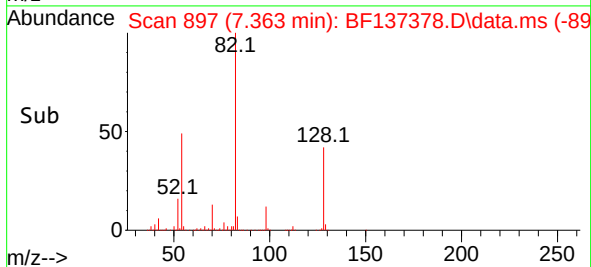
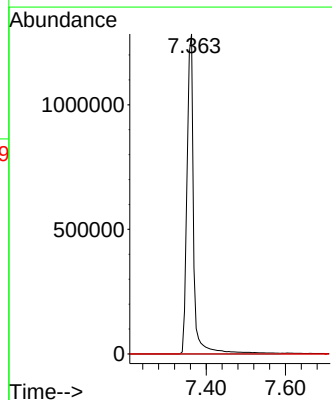
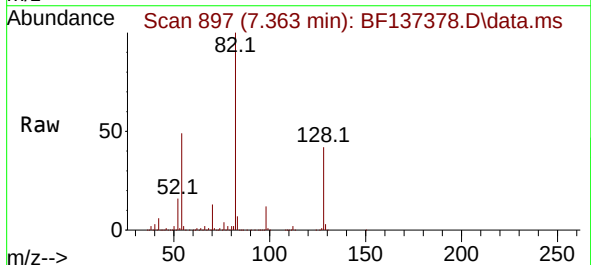
Delta R.T. -0.259 min

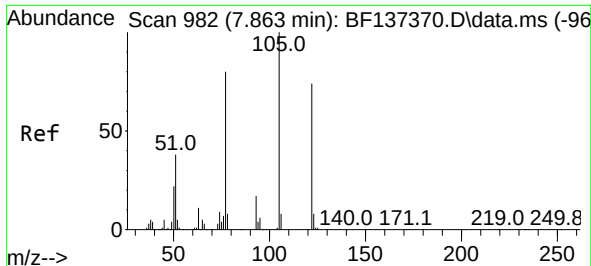
Lab File: BF137378.D

Acq: 26 Feb 2024 11:20

Tgt Ion: 82 Resp: 1498546

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.2	18.4#

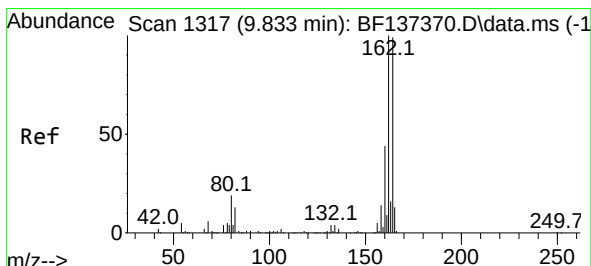
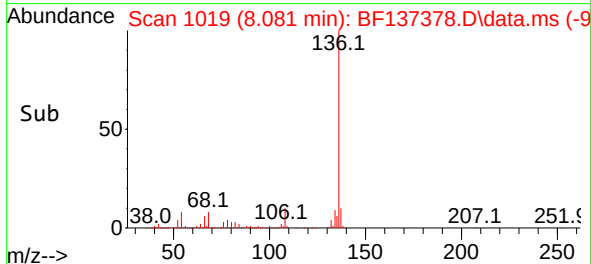
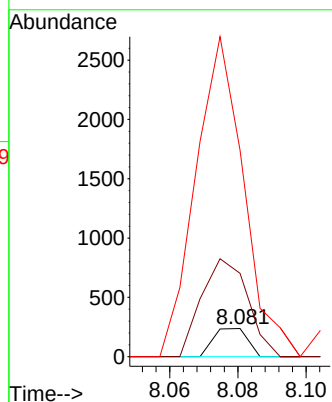
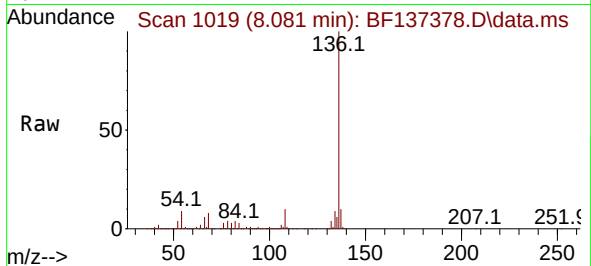




#32
Benzoic acid
Concen: 6.967 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.218 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

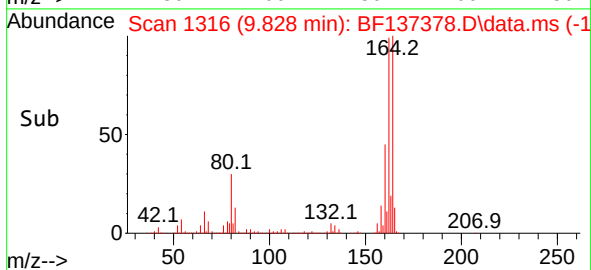
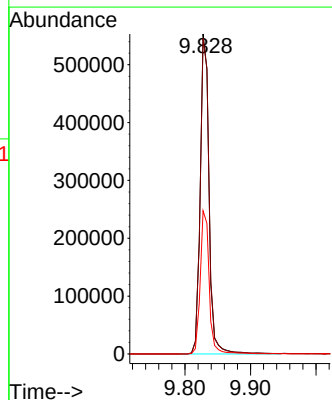
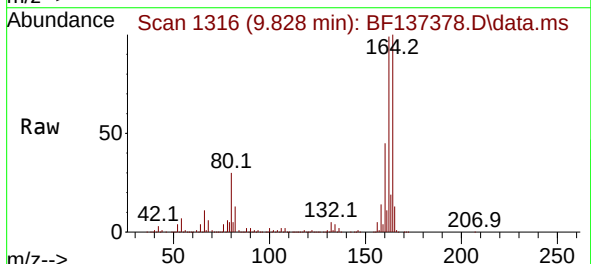
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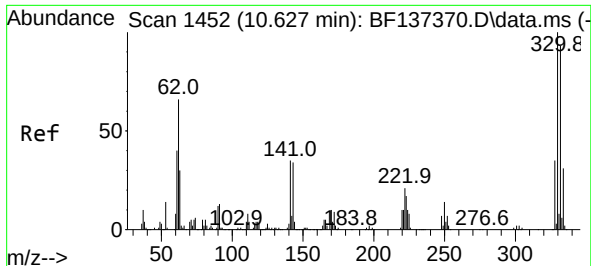
Tgt Ion:122 Resp: 167
Ion Ratio Lower Upper
122 100
105 295.4 101.1 141.1#
77 731.5 82.8 122.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Tgt Ion:164 Resp: 517097
Ion Ratio Lower Upper
164 100
162 98.6 81.2 121.8
160 44.7 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 136.265 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BF137378.D

Acq: 26 Feb 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB159212BL

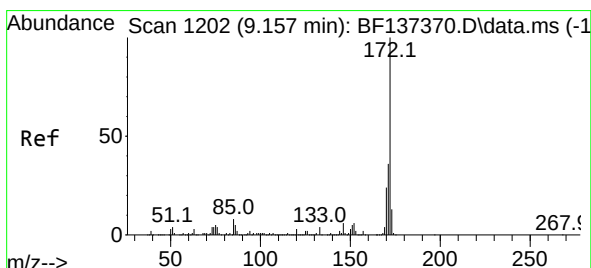
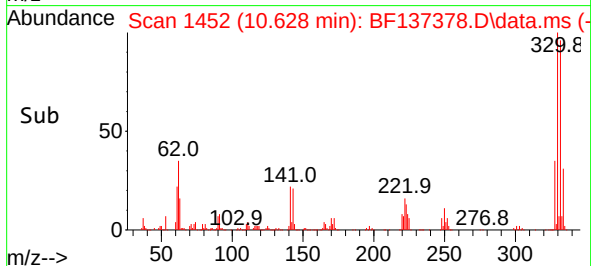
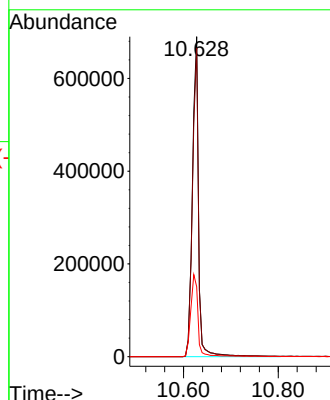
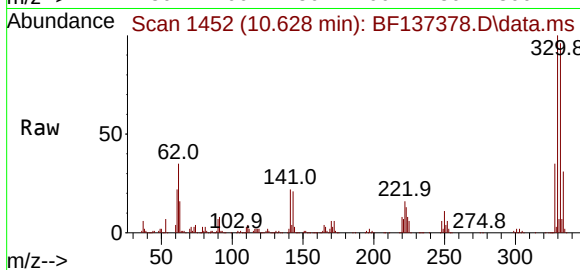
Tgt Ion:330 Resp: 613587

Ion Ratio Lower Upper

330 100

332 95.4 75.6 113.4

141 31.0 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 77.442 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF137378.D

Acq: 26 Feb 2024 11:20

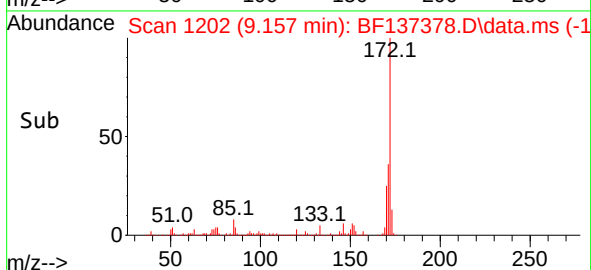
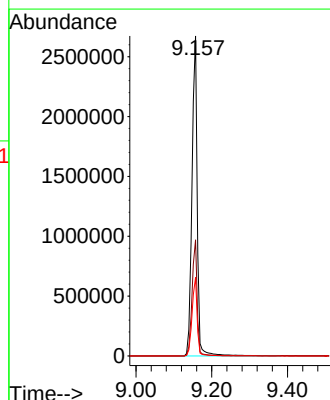
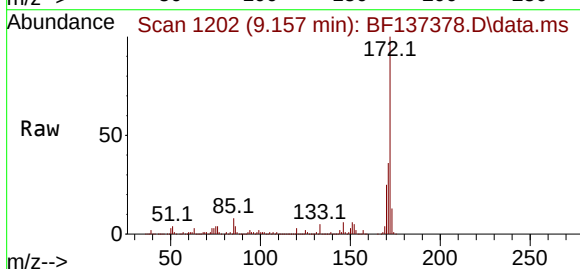
Tgt Ion:172 Resp: 2572190

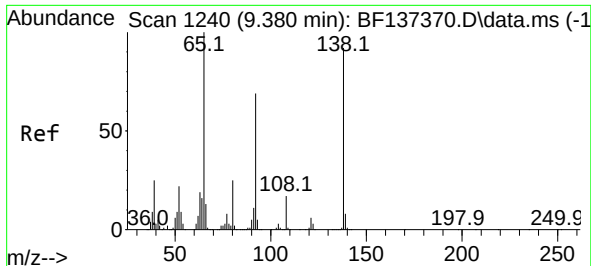
Ion Ratio Lower Upper

172 100

171 36.3 28.7 43.1

170 24.5 19.5 29.3

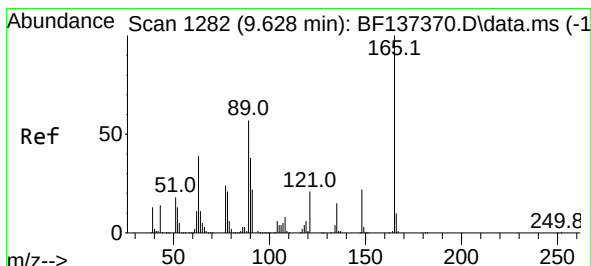
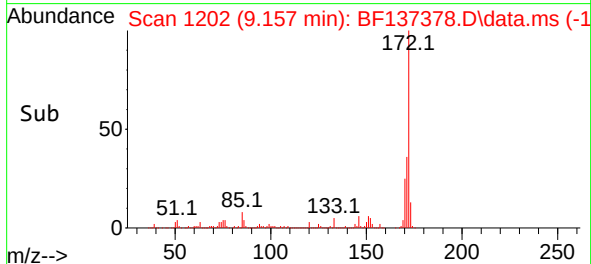
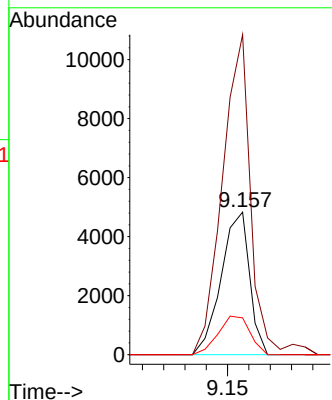
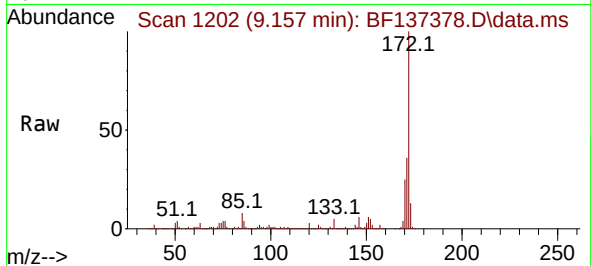




#48
2-Nitroaniline
Concen: 4.716 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

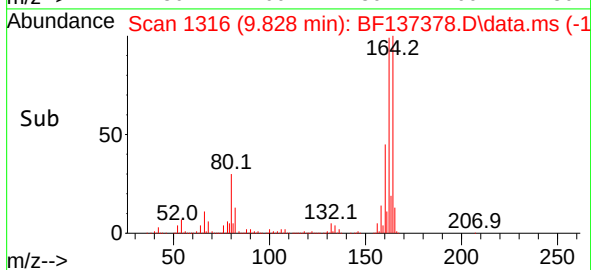
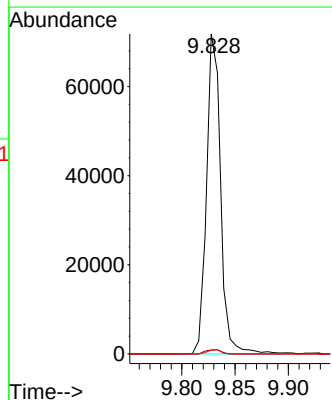
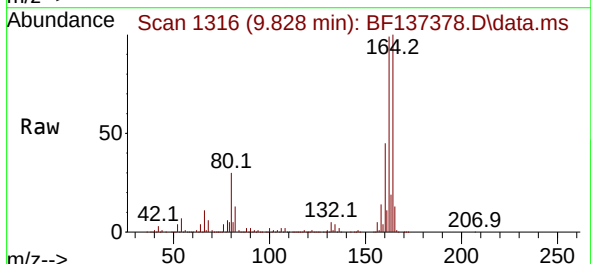
Instrument :
BNA_F
ClientSampleId :
PB159212BL

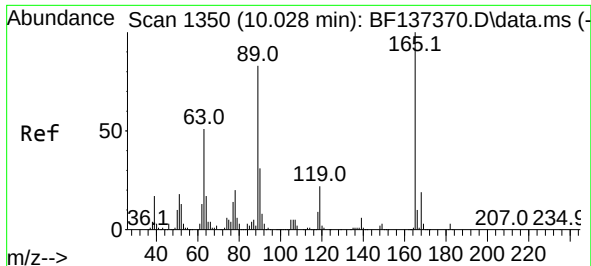
Tgt Ion: 65 Resp: 4481
Ion Ratio Lower Upper
65 100
92 224.4 55.0 82.6#
138 25.8 73.7 110.5#



#51
2,6-Dinitrotoluene
Concen: 9.975 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Tgt Ion:165 Resp: 66308
Ion Ratio Lower Upper
165 100
63 1.3 41.6 62.4#
89 1.2 45.8 68.6#

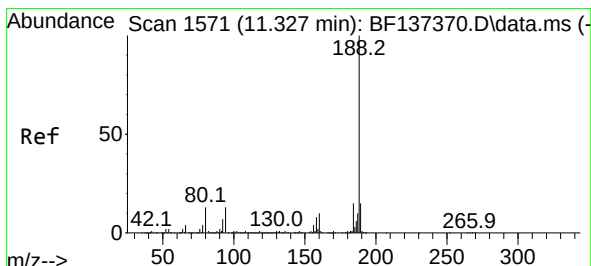
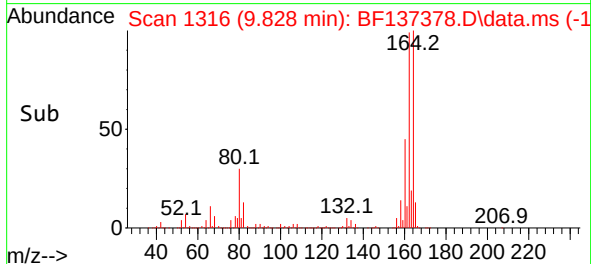
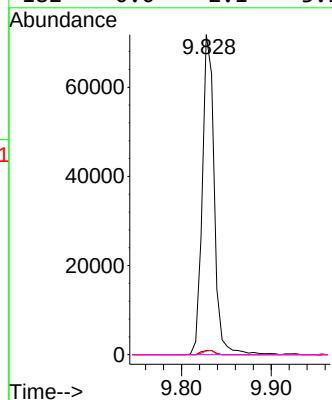
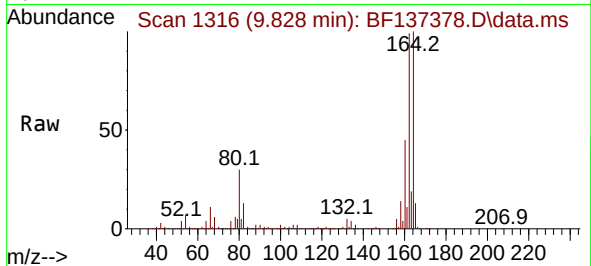




#57
2,4-Dinitrotoluene
Concen: 8.798 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

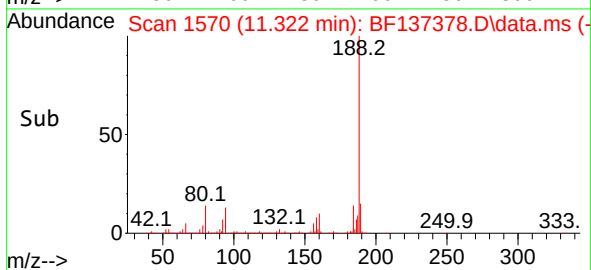
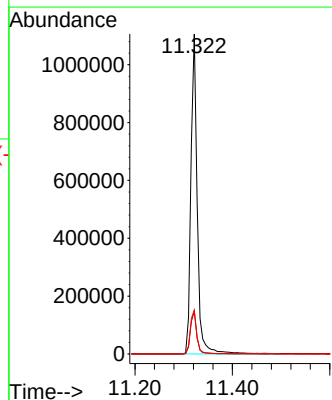
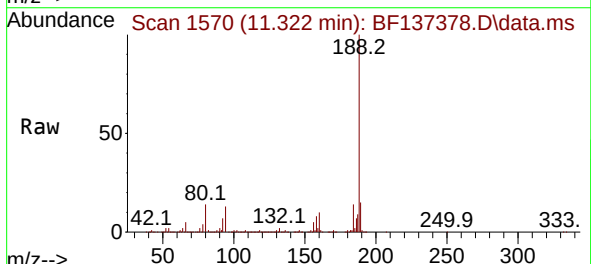
Instrument :
BNA_F
ClientSampleId :
PB159212BL

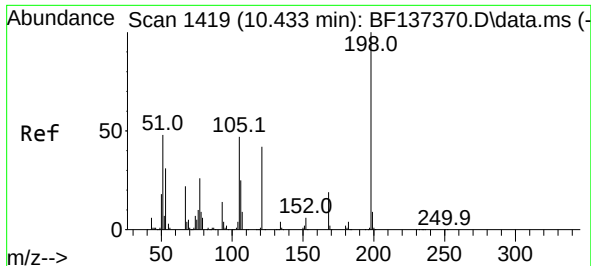
Tgt Ion:165 Resp: 66479
Ion Ratio Lower Upper
165 100
63 1.3 41.1 61.7#
89 1.2 66.6 100.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Tgt Ion:188 Resp: 996567
Ion Ratio Lower Upper
188 100
94 13.3 10.2 15.2
80 13.8 10.7 16.1





#65

4,6-Dinitro-2-methylphenol

Concen: 4.748 ng

RT: 10.622 min Scan# 1419

Delta R.T. 0.189 min

Lab File: BF137378.D

Acq: 26 Feb 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB159212BL

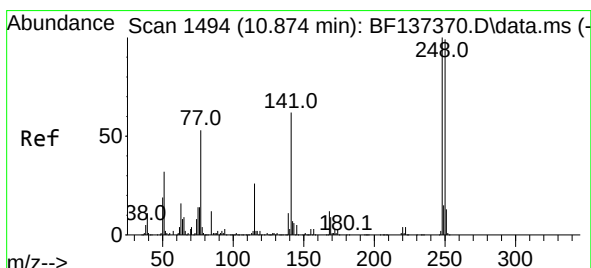
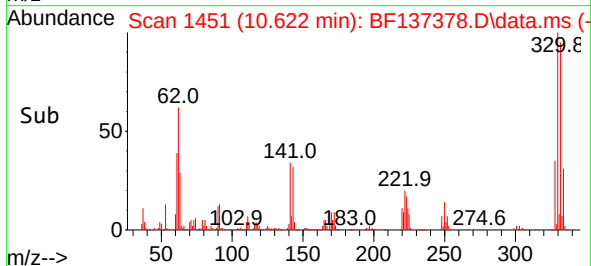
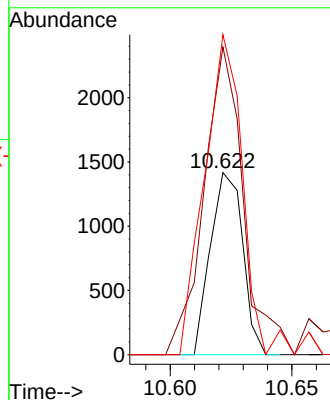
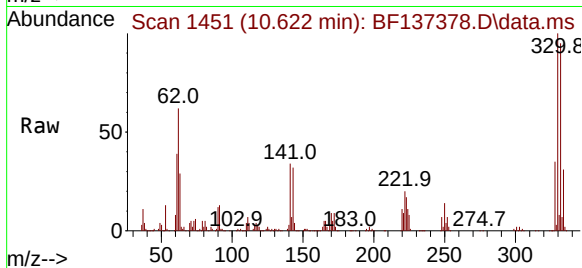
Tgt Ion:198 Resp: 1304

Ion Ratio Lower Upper

198 100

51 169.0 36.8 76.8#

105 175.8 28.5 68.5#



#67

4-Bromophenyl-phenylether

Concen: 3.789 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.247 min

Lab File: BF137378.D

Acq: 26 Feb 2024 11:20

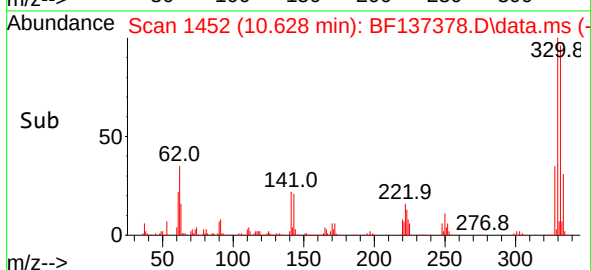
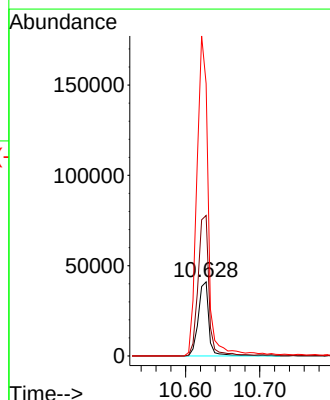
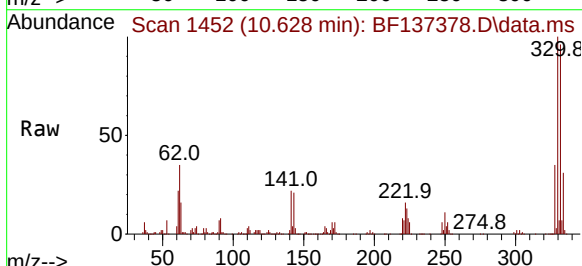
Tgt Ion:248 Resp: 40592

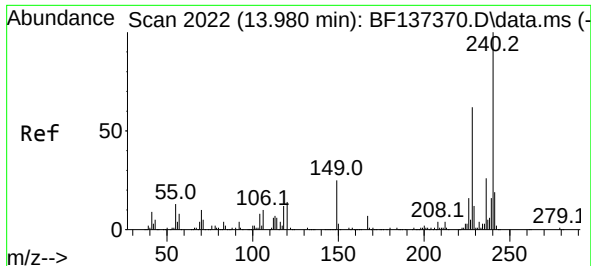
Ion Ratio Lower Upper

248 100

250 189.6 79.0 118.6#

141 367.6 49.9 74.9#

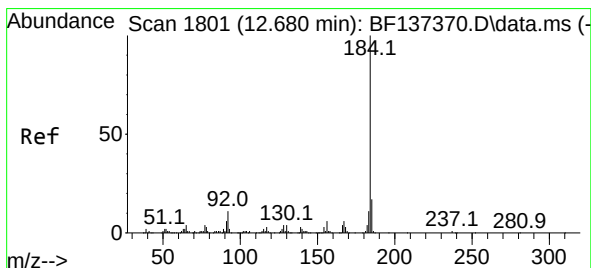
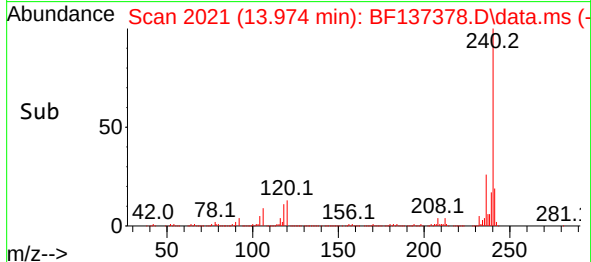
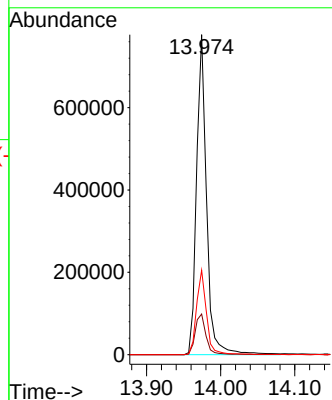
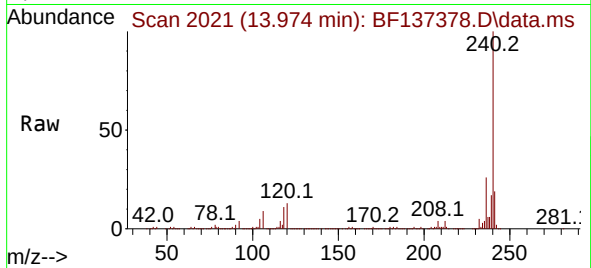




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

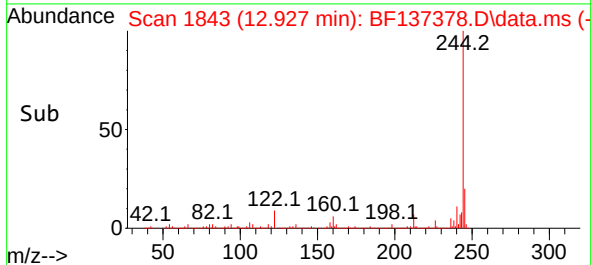
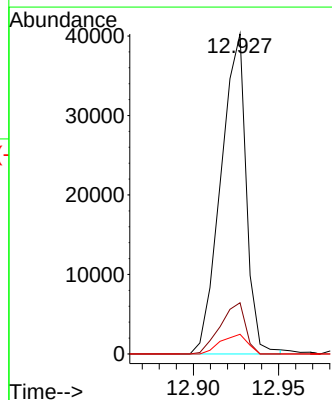
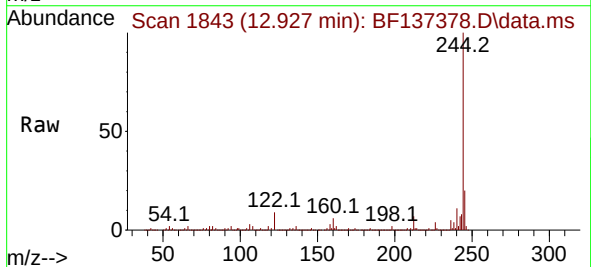
Instrument :
BNA_F
ClientSampleId :
PB159212BL

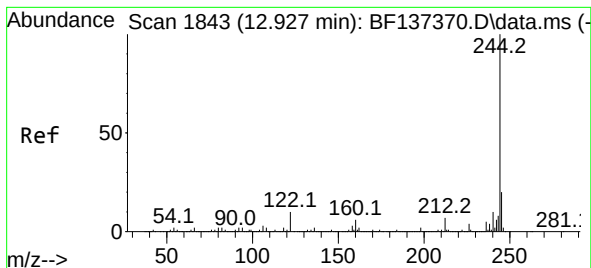
Tgt Ion:240 Resp: 730327
Ion Ratio Lower Upper
240 100
120 12.7 11.3 16.9
236 26.4 20.5 30.7



#77
Benzidine
Concen: 9.795 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Tgt Ion:184 Resp: 41693
Ion Ratio Lower Upper
184 100
185 16.0 13.7 20.5
183 6.2 8.8 13.2#





#79

Terphenyl-d14

Concen: 68.113 ng

RT: 12.927 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137378.D

Acq: 26 Feb 2024 11:20

Instrument :

BNA_F

ClientSampleId :

PB159212BL

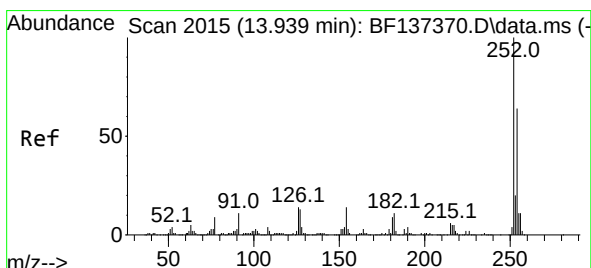
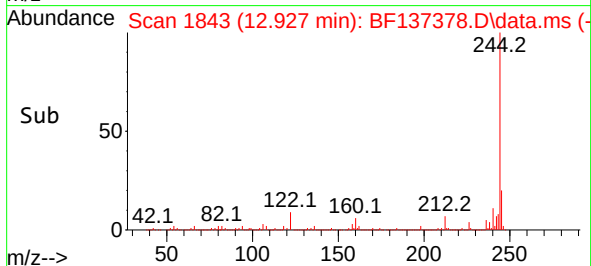
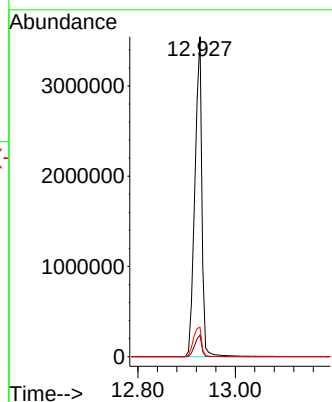
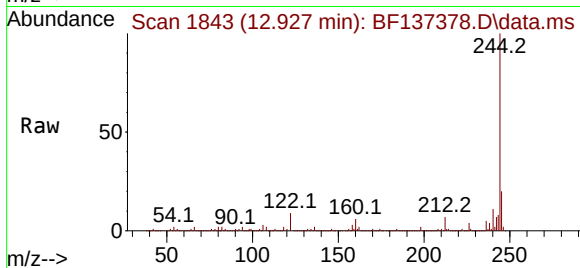
Tgt Ion:244 Resp: 3556518

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 9.1 8.2 12.4



#82

3,3'-Dichlorobenzidine

Concen: 5.046 ng

RT: 13.916 min Scan# 2011

Delta R.T. -0.023 min

Lab File: BF137378.D

Acq: 26 Feb 2024 11:20

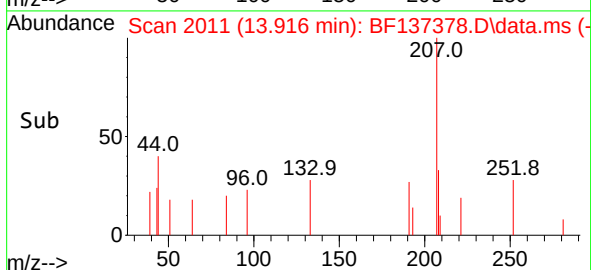
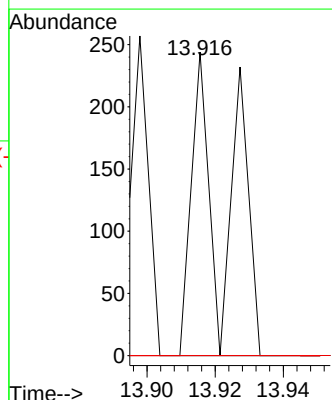
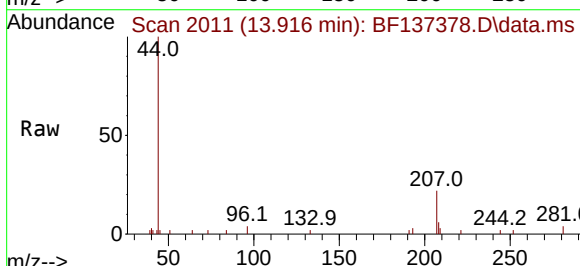
Tgt Ion:252 Resp: 168

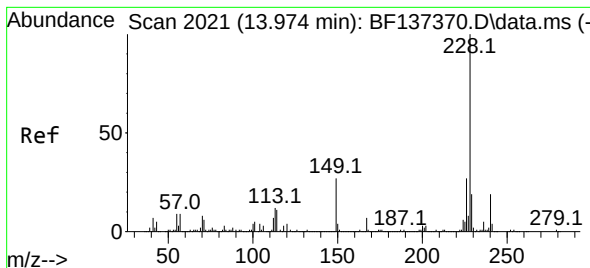
Ion Ratio Lower Upper

252 100

254 0.0 51.2 76.8#

126 0.0 11.1 16.7#

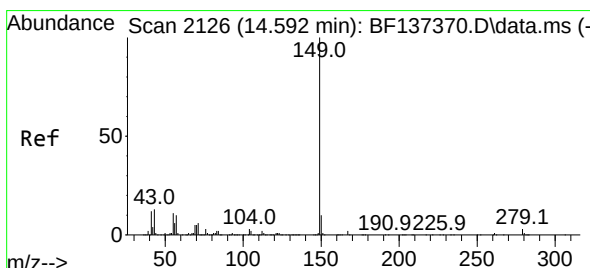
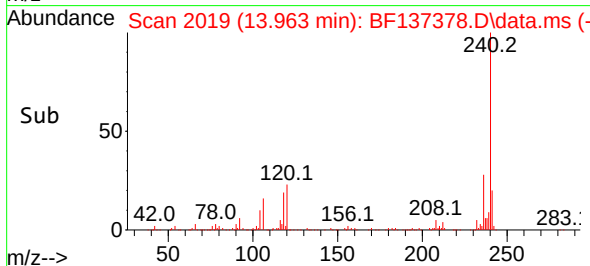
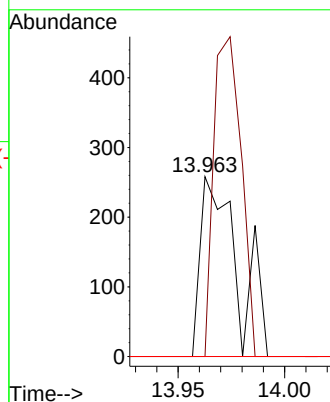
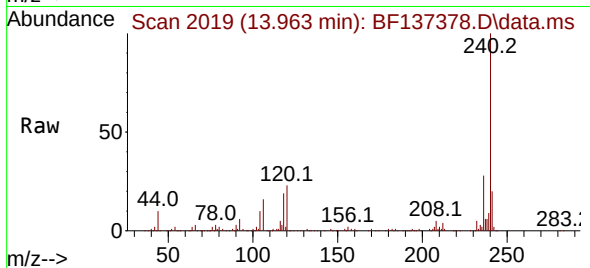




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.112 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. -0.011 min
 Lab File: BF137378.D
 Acq: 26 Feb 2024 11:20

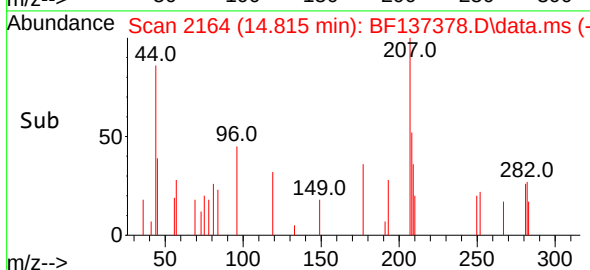
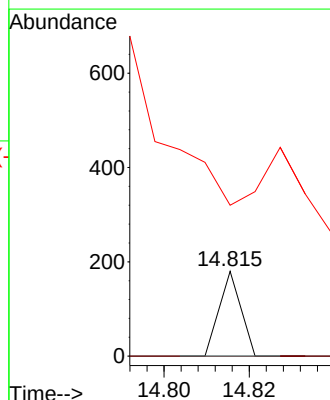
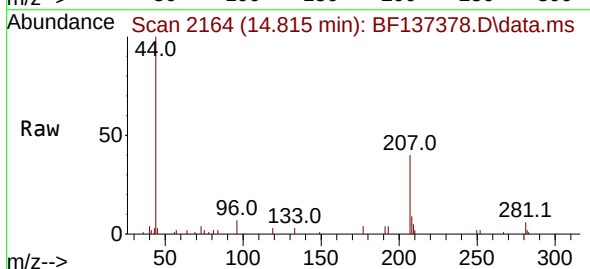
Instrument :
 BNA_F
 ClientSampleId :
 PB159212BL

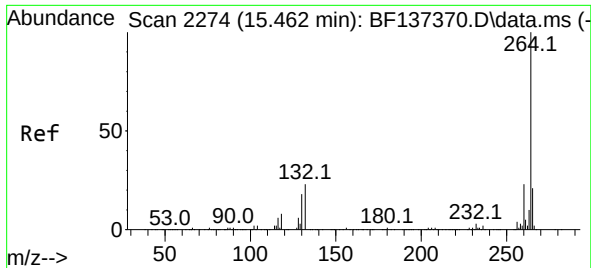
Tgt Ion:149 Resp: 311
 Ion Ratio Lower Upper
 149 100
 167 0.0 20.6 31.0#
 279 0.0 2.7 4.1#



#85
 Di-n-octyl phthalate
 Concen: 5.998 ng
 RT: 14.815 min Scan# 2164
 Delta R.T. 0.223 min
 Lab File: BF137378.D
 Acq: 26 Feb 2024 11:20

Tgt Ion:149 Resp: 64
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 13.7 20.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB159212BL

Tgt Ion:264 Resp: 558636
Ion Ratio Lower Upper
264 100
260 24.6 18.5 27.7
265 21.6 16.9 25.3

