

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022324\
 Data File : BF137375.D
 Acq On : 23 Feb 2024 14:57
 Operator : CG\JU
 Sample : PB159196BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159196BL

Quant Time: Feb 24 04:54:56 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)

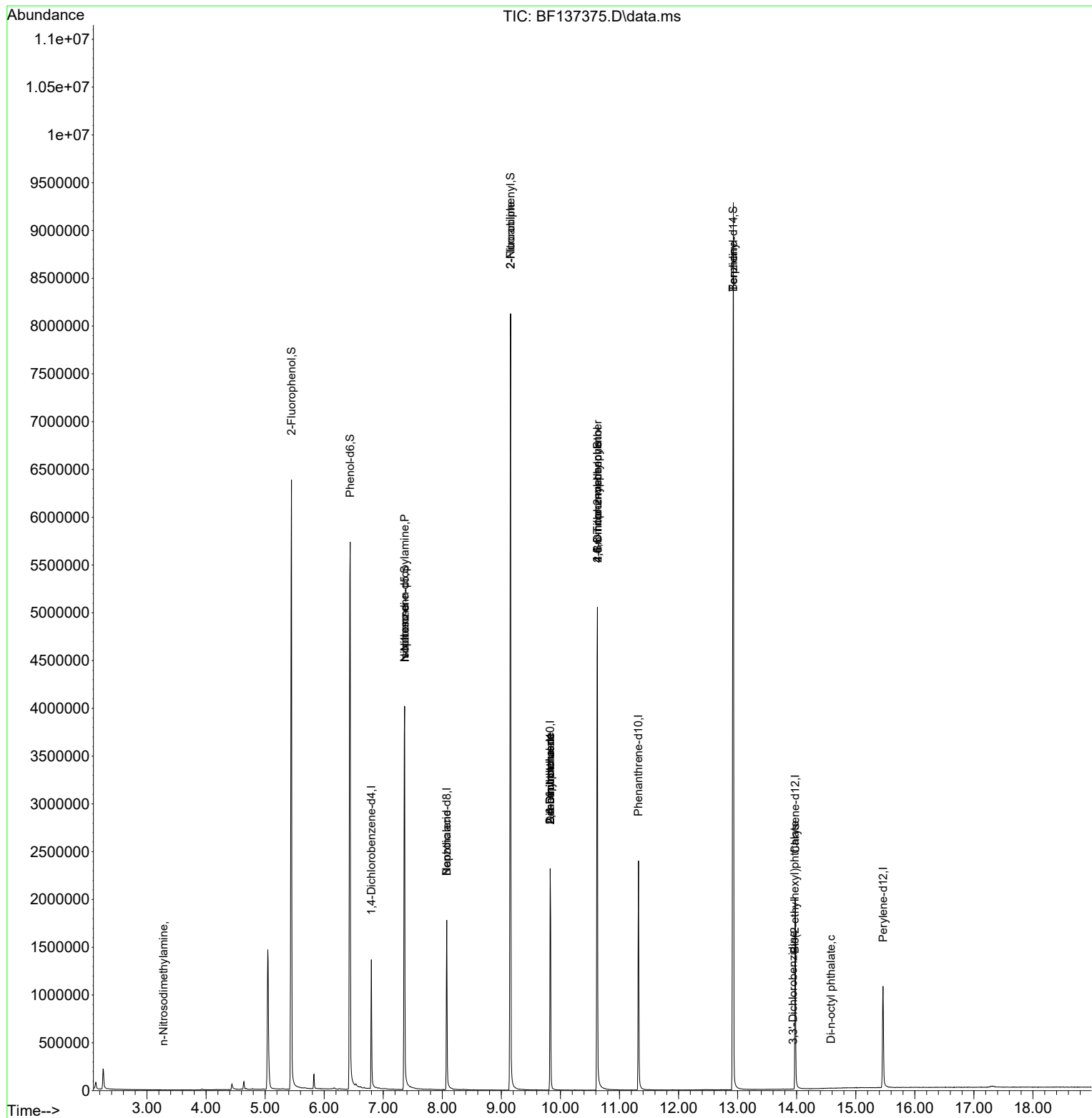
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	195314	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	804051	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	469254	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	876874	20.000	ng	0.00
76) Chrysene-d12	13.974	240	657128	20.000	ng	0.00
86) Perylene-d12	15.462	264	493544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1899312	150.050	ng	0.02
7) Phenol-d6	6.439	99	2605693	139.941	ng	0.00
23) Nitrobenzene-d5	7.363	82	1619224	100.540	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	665127	162.771	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2704478	89.726	ng	0.00
79) Terphenyl-d14	12.927	244	3753085	79.884	ng	0.00
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.281	42	137	5.125	ng	# 1
19) n-Nitroso-di-n-propyla...	7.363	70	208130	18.139	ng	# 81
25) Isophorone	7.363	82	1619215	48.617	ng	# 69
32) Benzoic acid	8.075	122	155	6.968	ng	# 1
48) 2-Nitroaniline	9.157	65	5043	4.830	ng	# 1
50) Dimethylphthalate	9.827	163	68327	2.107	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	60317	9.999	ng	# 26
57) 2,4-Dinitrotoluene	9.827	165	60317	8.797	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.627	198	1335	4.788	ng	# 1
67) 4-Bromophenyl-phenylether	10.627	248	44474	4.718	ng	# 1
77) Benzidine	12.927	184	43020	10.214	ng	# 92
82) 3,3'-Dichlorobenzidine	13.939	252	63	5.038	ng	# 27
84) Bis(2-ethylhexyl)phtha...	13.968	149	154	4.099	ng	# 1
85) Di-n-octyl phthalate	14.580	149	61	5.999	ng	# 1

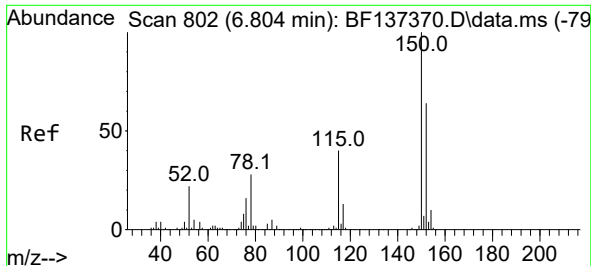
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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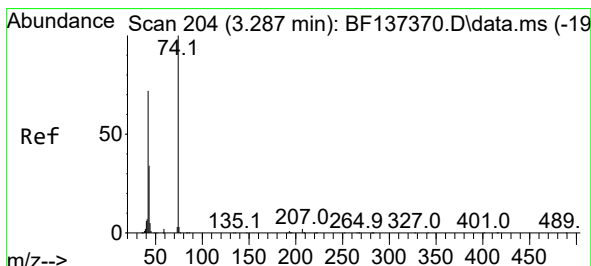
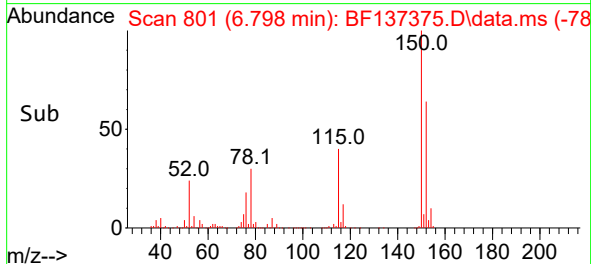
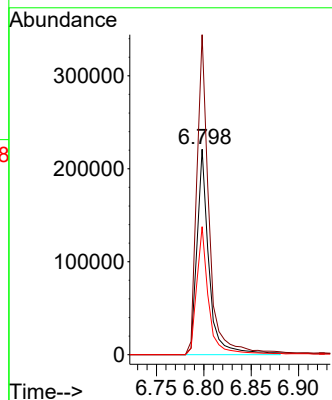
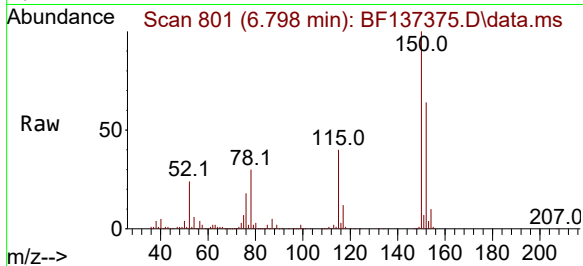




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

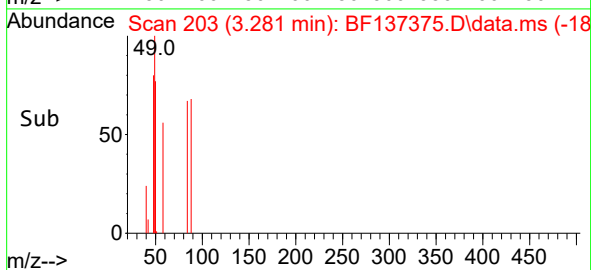
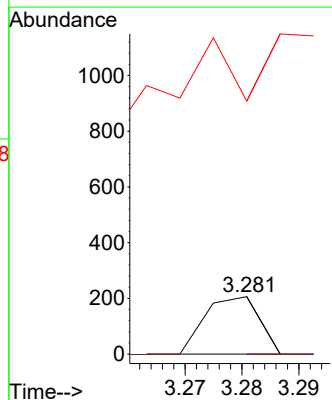
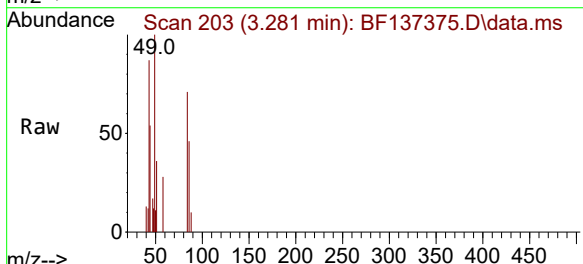
Instrument :
BNA_F
ClientSampleId :
PB159196BL

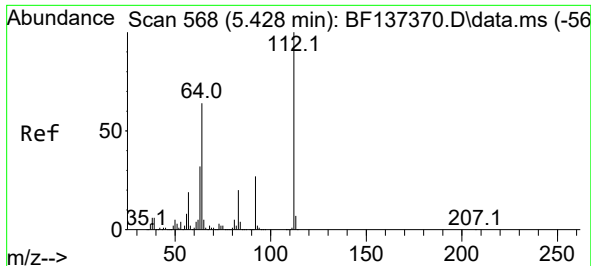
Tgt Ion:152 Resp: 195314
Ion Ratio Lower Upper
152 100
150 155.7 125.7 188.5
115 62.3 49.8 74.8



#4
n-Nitrosodimethylamine
Concen: 5.125 ng
RT: 3.281 min Scan# 203
Delta R.T. -0.006 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

Tgt Ion: 42 Resp: 137
Ion Ratio Lower Upper
42 100
74 0.0 110.8 166.2#
44 440.8 6.0 9.0#

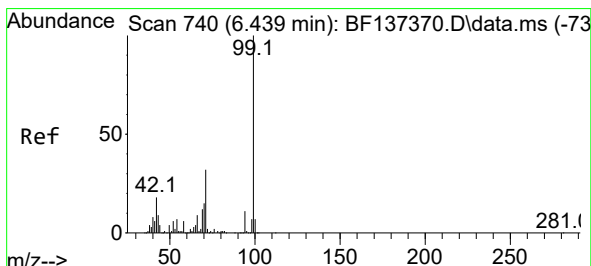
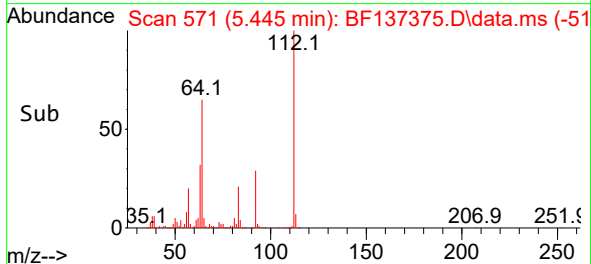
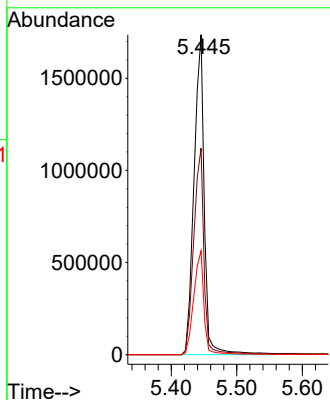
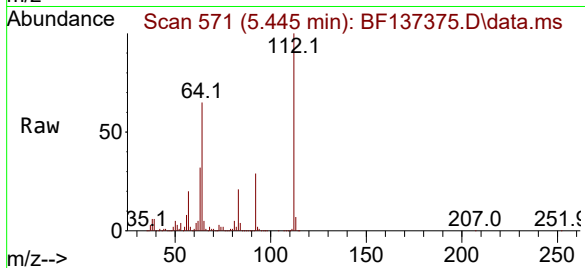




#5
2-Fluorophenol
Concen: 150.050 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

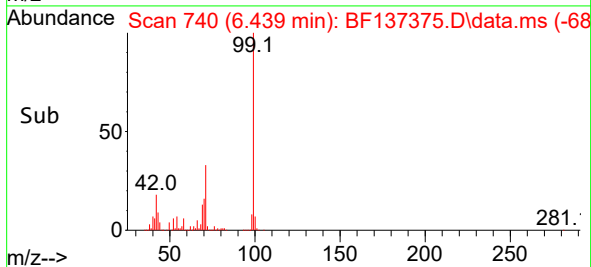
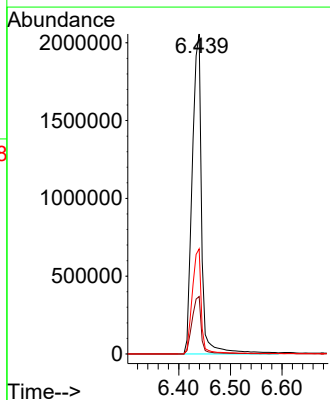
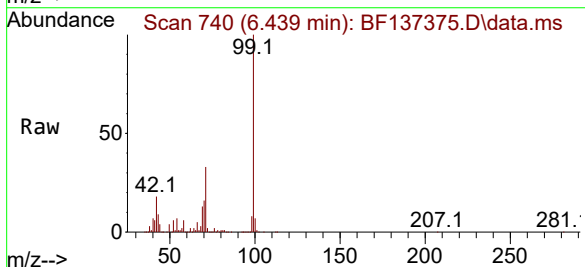
Instrument :
BNA_F
ClientSampleId :
PB159196BL

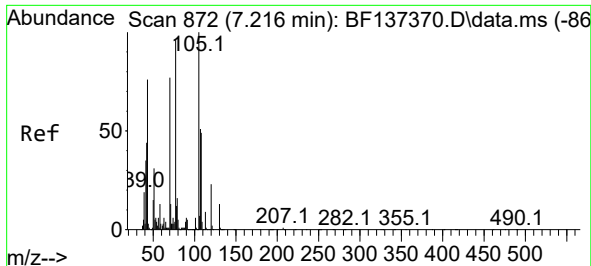
Tgt Ion:112 Resp: 1899312
Ion Ratio Lower Upper
112 100
64 64.6 51.0 76.6
63 32.4 25.7 38.5



#7
Phenol-d6
Concen: 139.941 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

Tgt Ion: 99 Resp: 2605693
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 32.8 25.2 37.8



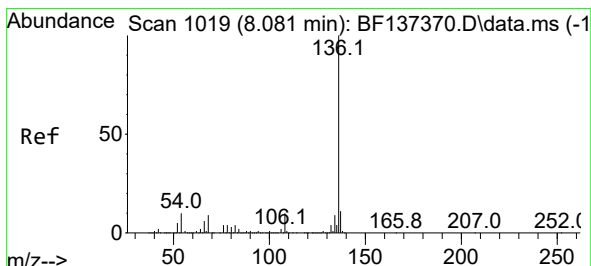
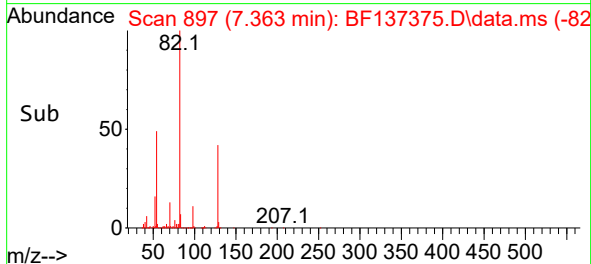
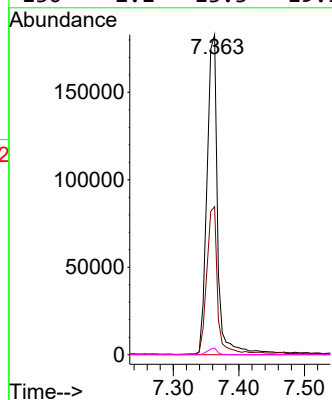
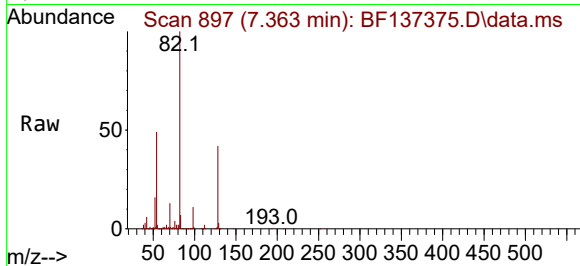


#19
n-Nitroso-di-n-propylamine
Concen: 18.139 ng
RT: 7.363 min Scan# 89
Delta R.T. 0.147 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

Instrument :
BNA_F
ClientSampleId :
PB159196BL

Tgt Ion: 70 Resp: 208130

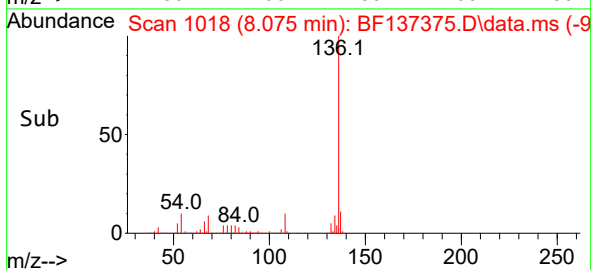
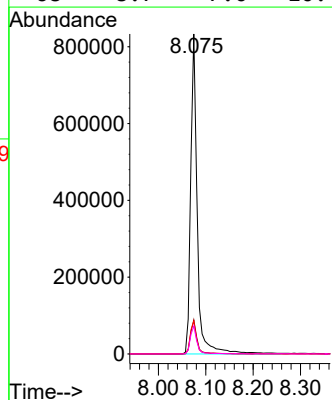
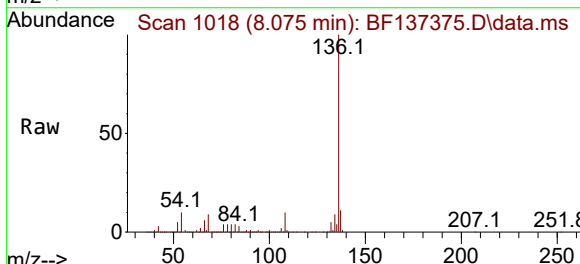
Ion	Ratio	Lower	Upper
70	100		
42	46.3	45.3	67.9
101	0.0	6.5	9.7#
130	2.1	13.3	19.9#

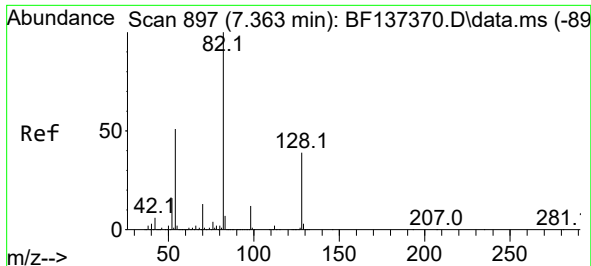


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

Tgt Ion: 136 Resp: 804051

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	10.3	7.8	11.6
68	8.7	7.0	10.4





#23

Nitrobenzene-d5

Concen: 100.540 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF137375.D

Acq: 23 Feb 2024 14:57

Instrument :

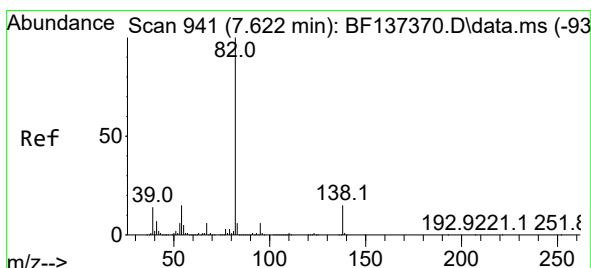
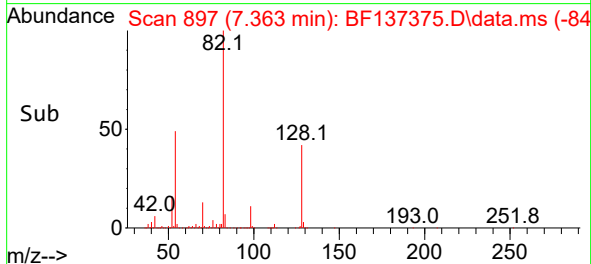
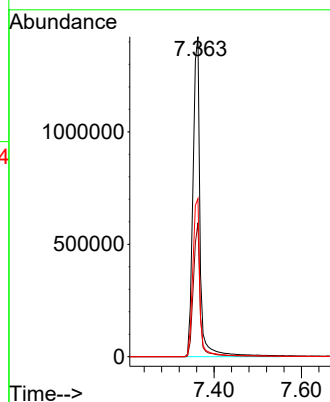
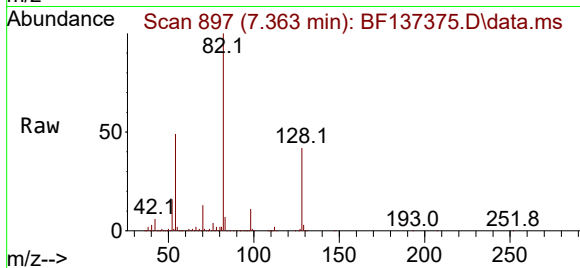
BNA_F

ClientSampleId :

PB159196BL

Tgt Ion: 82 Resp: 1619224

Ion	Ratio	Lower	Upper
82	100		
128	41.8	30.8	46.2
54	49.4	40.8	61.2



#25

Isophorone

Concen: 48.617 ng

RT: 7.363 min Scan# 897

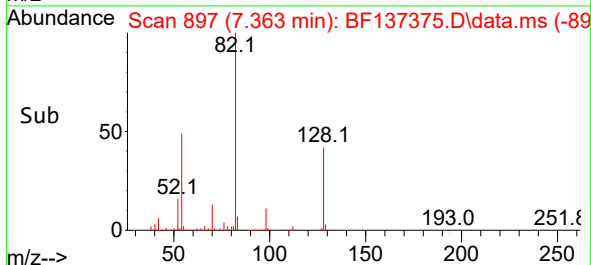
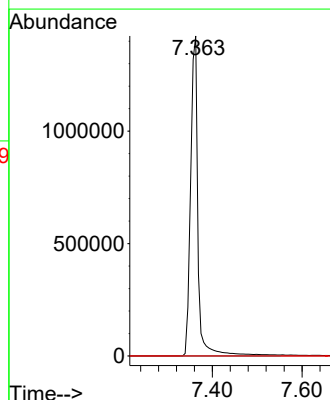
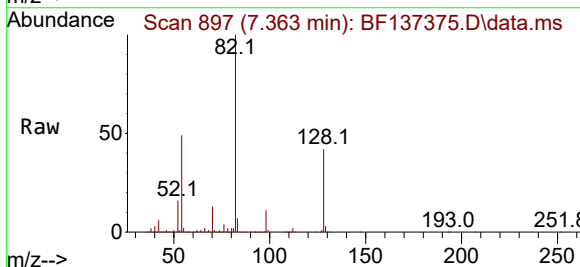
Delta R.T. -0.259 min

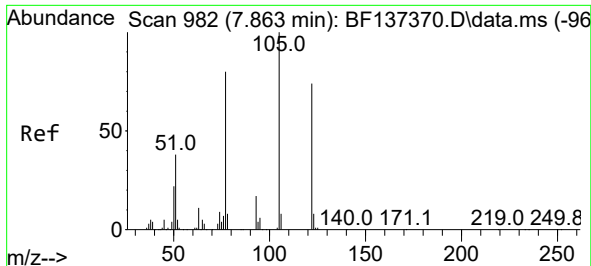
Lab File: BF137375.D

Acq: 23 Feb 2024 14:57

Tgt Ion: 82 Resp: 1619215

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

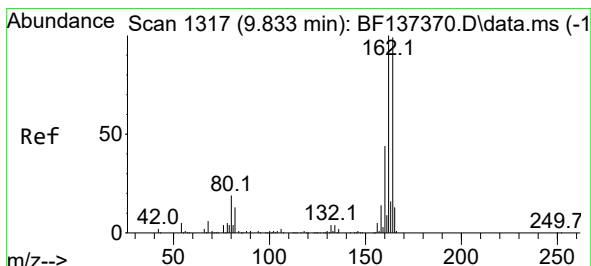
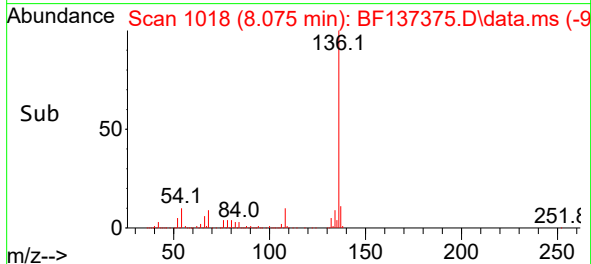
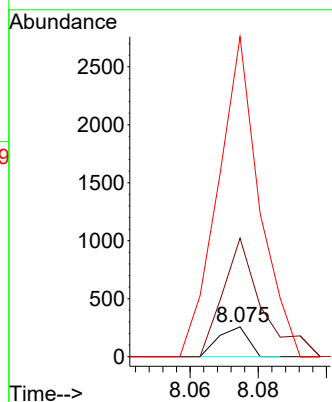
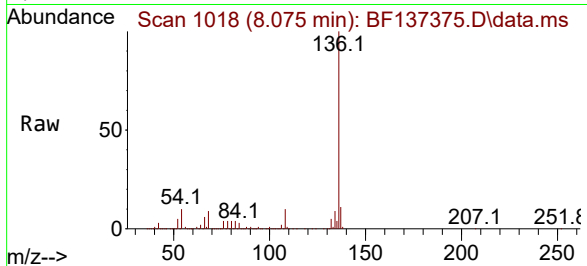




#32
Benzoic acid
Concen: 6.968 ng
RT: 8.075 min Scan# 10
Delta R.T. 0.212 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

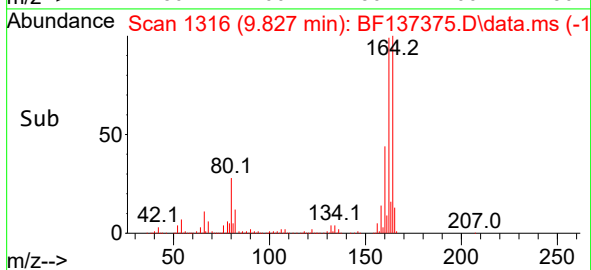
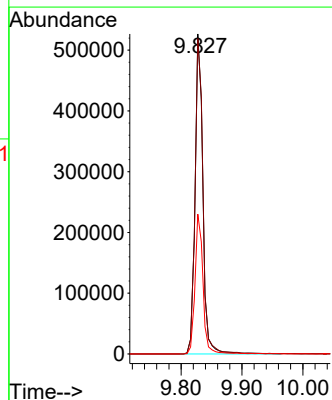
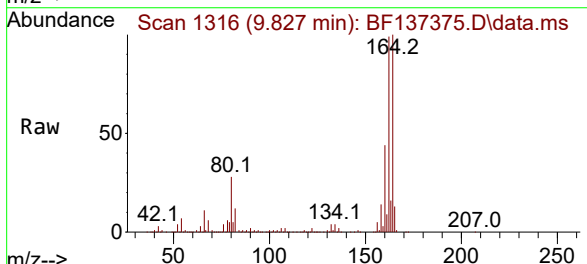
Instrument :
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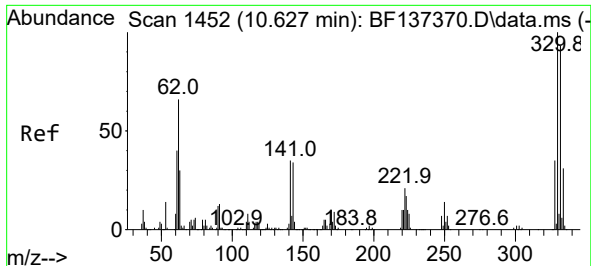
Tgt Ion:122 Resp: 155
Ion Ratio Lower Upper
122 100
105 399.6 101.1 141.1#
77 1078.1 82.8 122.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

Tgt Ion:164 Resp: 469254
Ion Ratio Lower Upper
164 100
162 98.5 81.2 121.8
160 43.7 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 162.771 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF137375.D

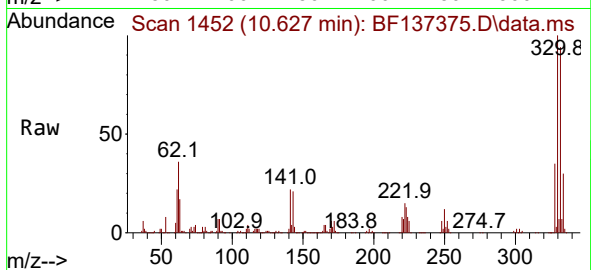
Acq: 23 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB159196BL



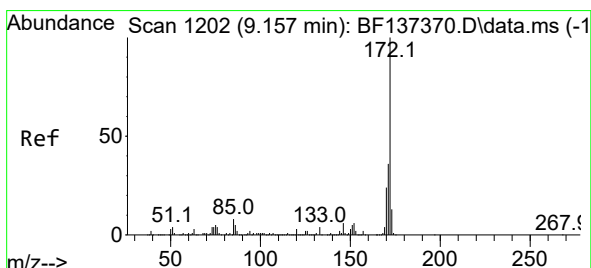
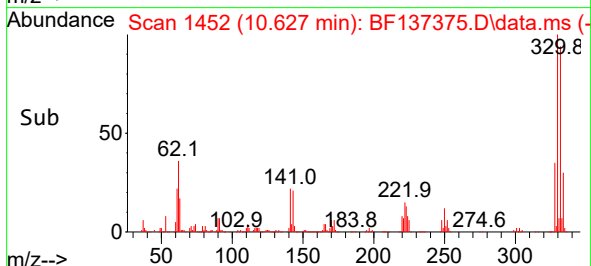
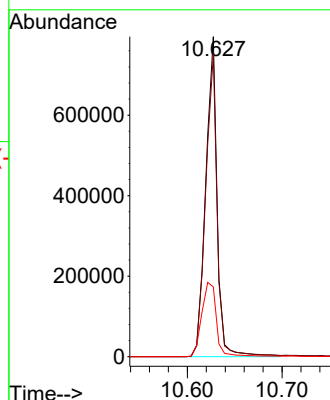
Tgt Ion:330 Resp: 665127

Ion Ratio Lower Upper

330 100

332 96.6 75.6 113.4

141 30.4 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 89.726 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF137375.D

Acq: 23 Feb 2024 14:57

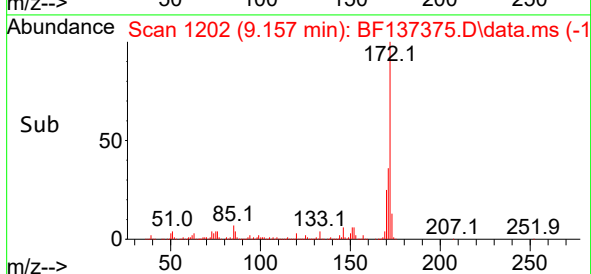
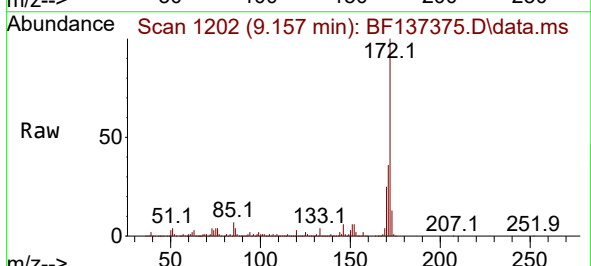
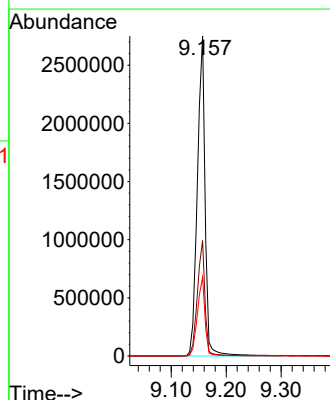
Tgt Ion:172 Resp: 2704478

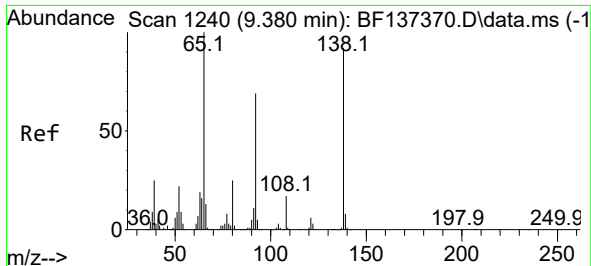
Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 24.6 19.5 29.3





#48

2-Nitroaniline

Concen: 4.830 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.223 min

Lab File: BF137375.D

Acq: 23 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB159196BL

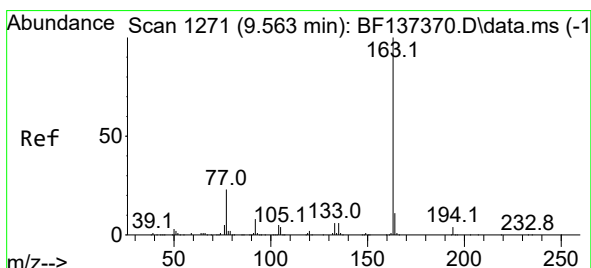
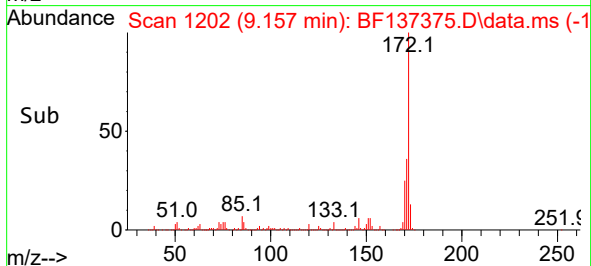
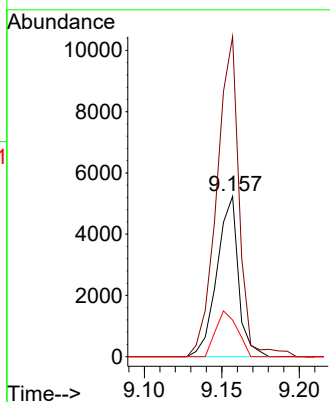
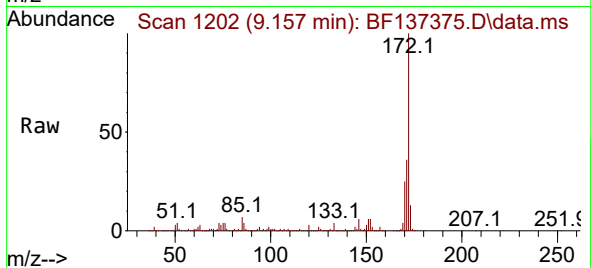
Tgt Ion: 65 Resp: 5043

Ion Ratio Lower Upper

65 100

92 199.5 55.0 82.6#

138 22.8 73.7 110.5#



#50

Dimethylphthalate

Concen: 2.107 ng

RT: 9.827 min Scan# 1316

Delta R.T. 0.264 min

Lab File: BF137375.D

Acq: 23 Feb 2024 14:57

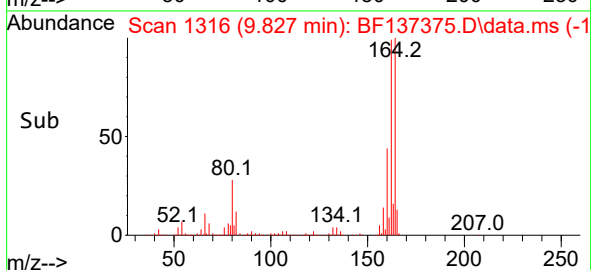
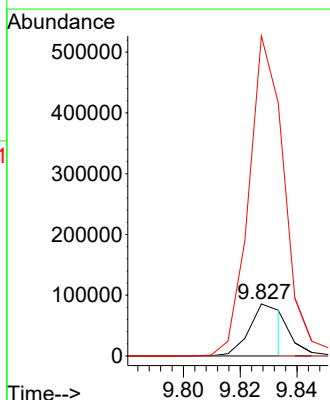
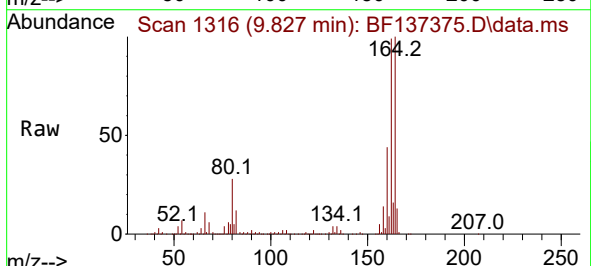
Tgt Ion: 163 Resp: 68327

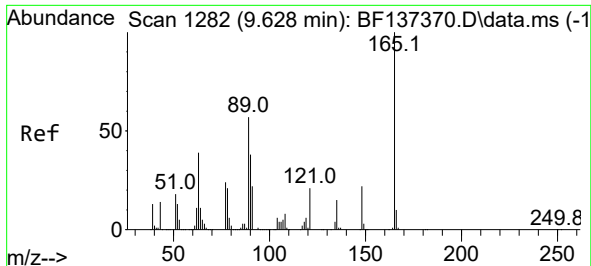
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

164 615.3 8.5 12.7#

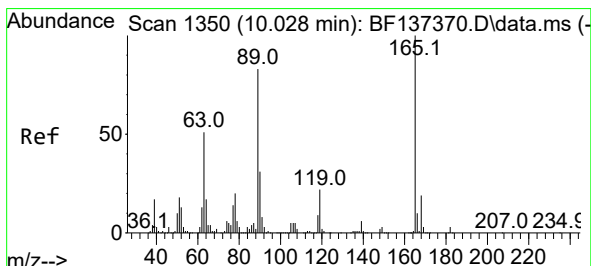
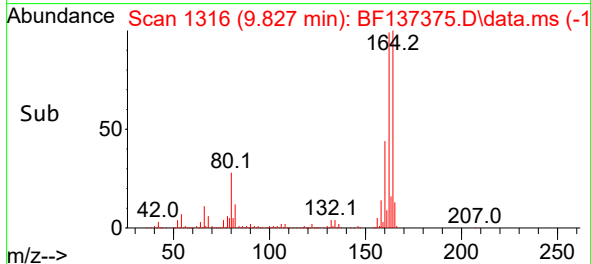
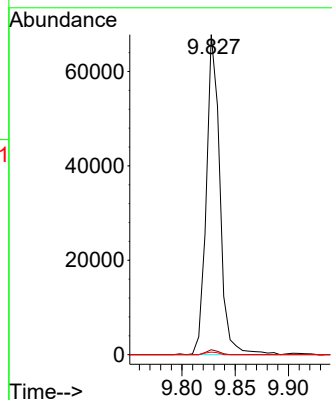
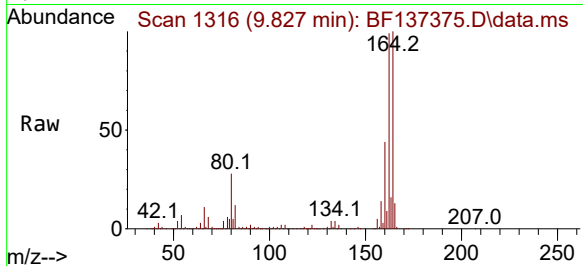




#51
2,6-Dinitrotoluene
Concen: 9.999 ng
RT: 9.827 min Scan# 11
Delta R.T. 0.199 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

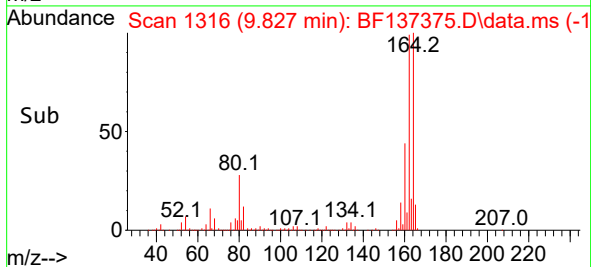
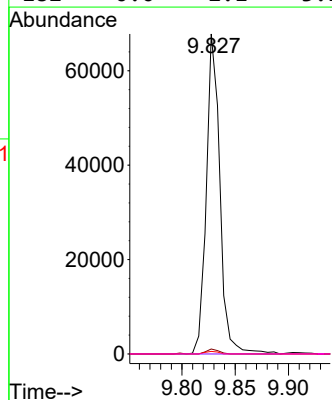
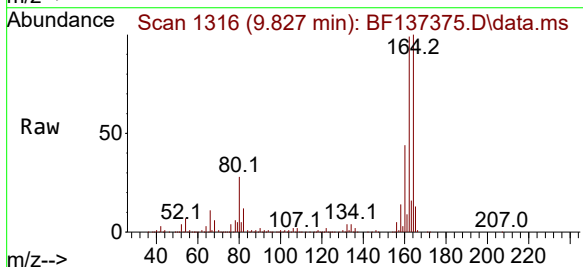
Instrument :
BNA_F
ClientSampleId :
PB159196BL

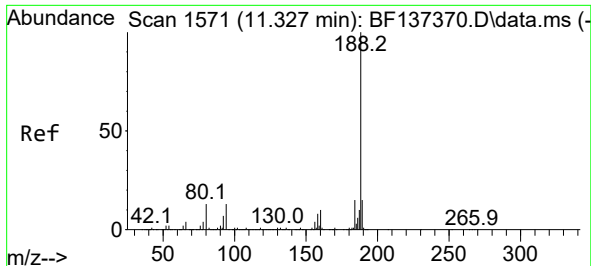
Tgt Ion:165 Resp: 60317
Ion Ratio Lower Upper
165 100
63 1.5 41.6 62.4#
89 0.8 45.8 68.6#



#57
2,4-Dinitrotoluene
Concen: 8.797 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.201 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

Tgt Ion:165 Resp: 60317
Ion Ratio Lower Upper
165 100
63 1.5 41.1 61.7#
89 0.8 66.6 100.0#
182 0.0 2.1 3.1#

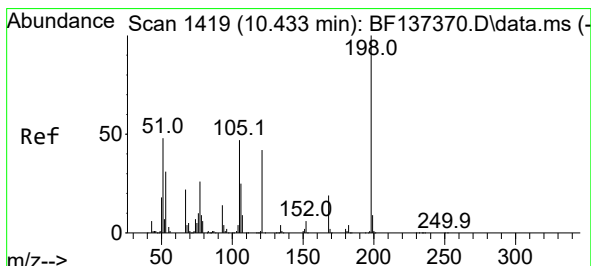
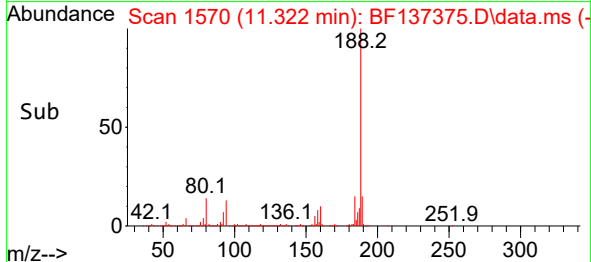
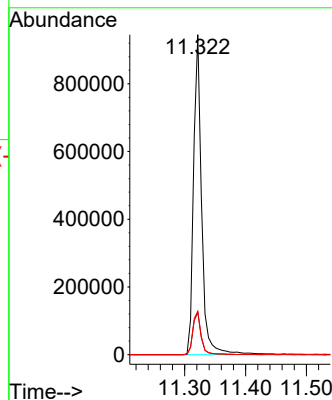
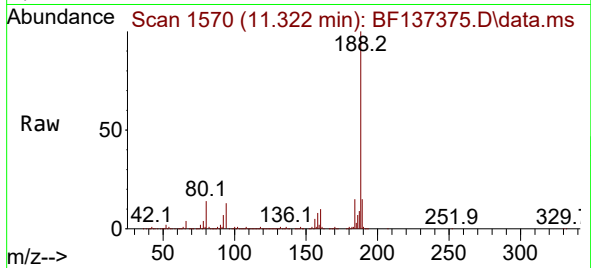




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

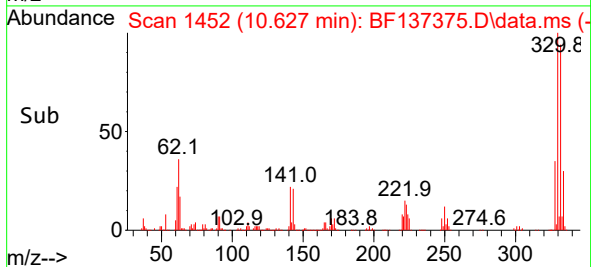
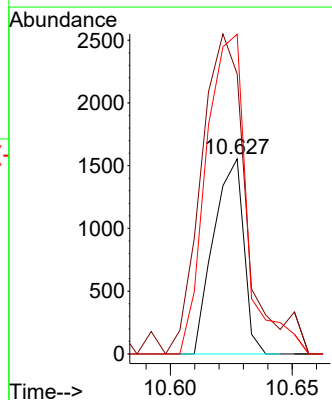
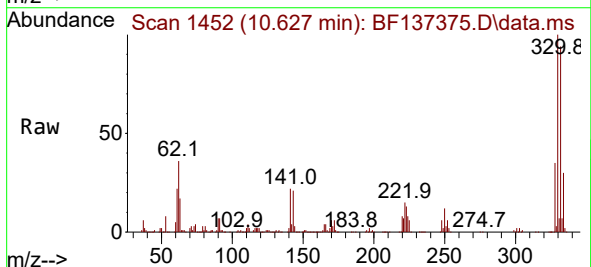
Instrument :
BNA_F
ClientSampleId :
PB159196BL

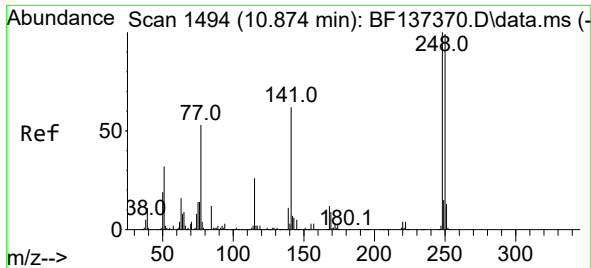
Tgt Ion:188 Resp: 876874
Ion Ratio Lower Upper
188 100
94 13.2 10.2 15.2
80 13.6 10.7 16.1



#65
4,6-Dinitro-2-methylphenol
Concen: 4.788 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.194 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

Tgt Ion:198 Resp: 1335
Ion Ratio Lower Upper
198 100
51 143.6 36.8 76.8#
105 164.0 28.5 68.5#

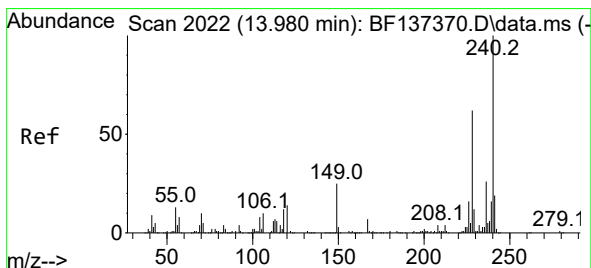
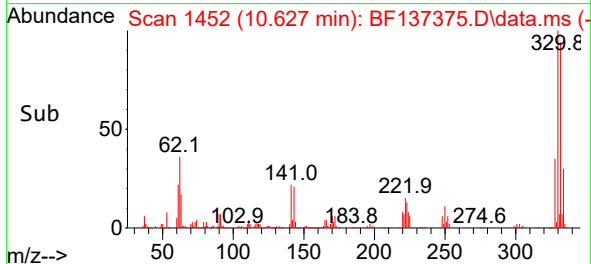
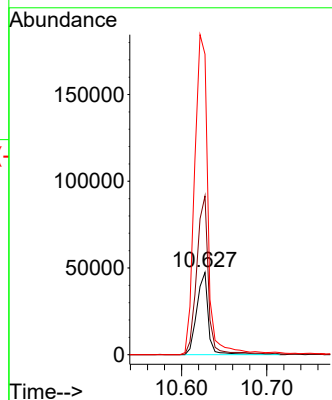
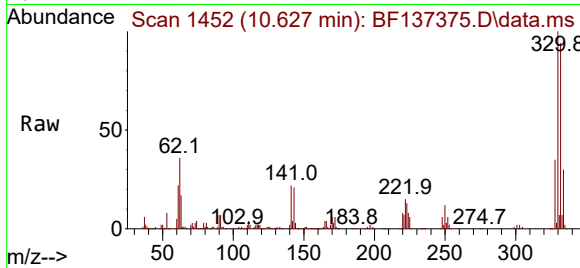




#67
4-Bromophenyl-phenylether
Concen: 4.718 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

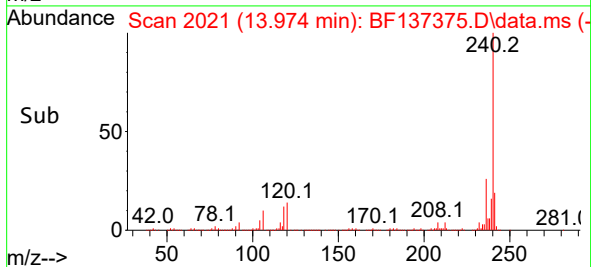
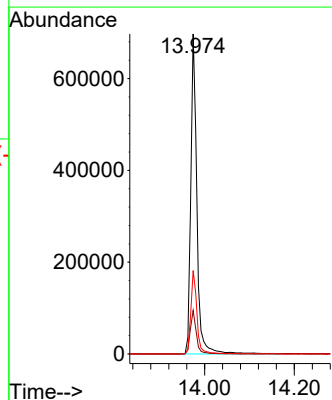
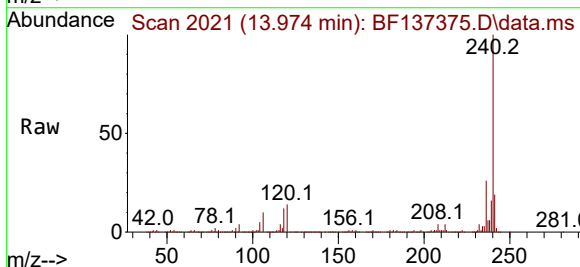
Instrument :
BNA_F
ClientSampleId :
PB159196BL

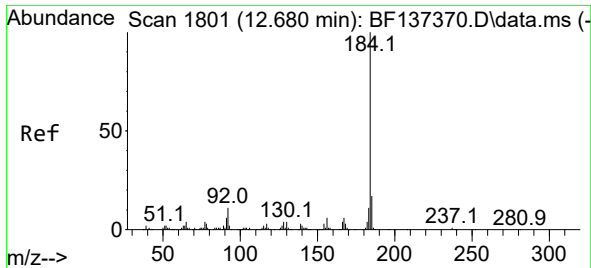
Tgt Ion:248 Resp: 44474
Ion Ratio Lower Upper
248 100
250 192.9 79.0 118.6#
141 365.1 49.9 74.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

Tgt Ion:240 Resp: 657128
Ion Ratio Lower Upper
240 100
120 13.6 11.3 16.9
236 26.0 20.5 30.7

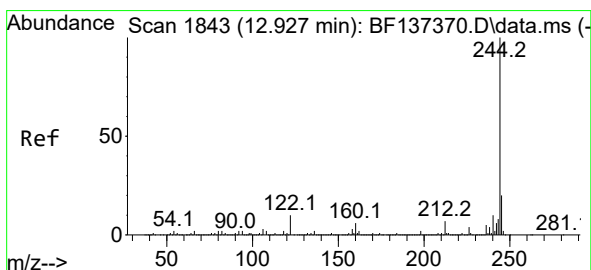
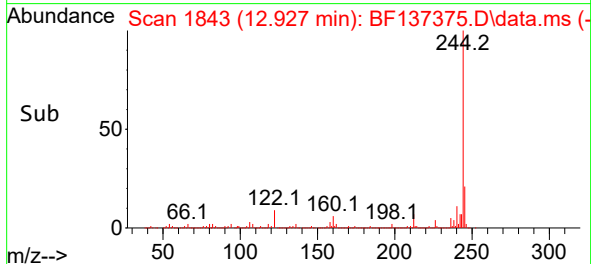
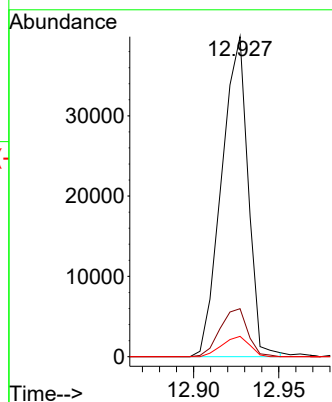
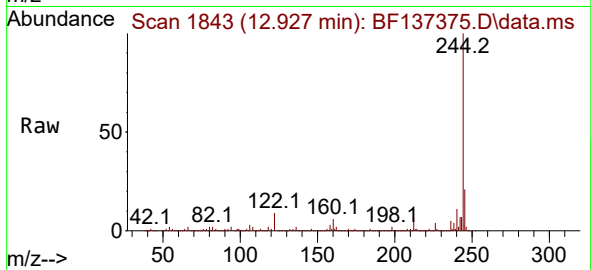




#77
Benzidine
Concen: 10.214 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

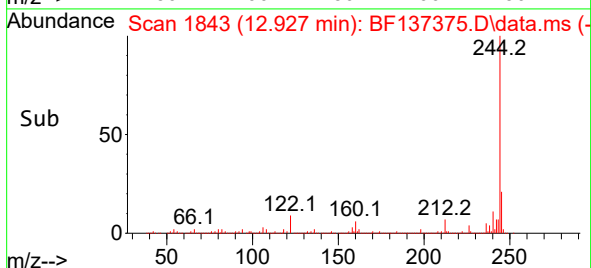
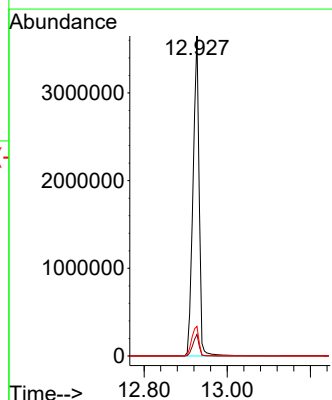
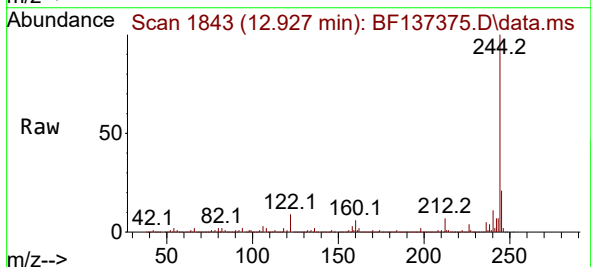
Instrument :
BNA_F
ClientSampleId :
PB159196BL

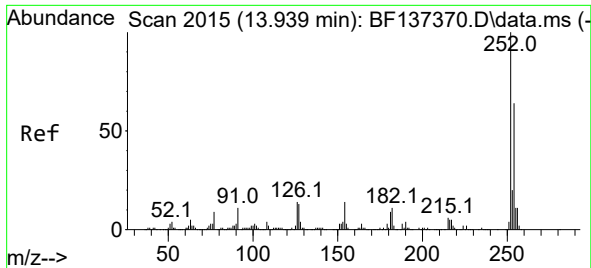
Tgt Ion:184 Resp: 43020
Ion Ratio Lower Upper
184 100
185 15.0 13.7 20.5
183 6.4 8.8 13.2#



#79
Terphenyl-d14
Concen: 79.884 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF137375.D
Acq: 23 Feb 2024 14:57

Tgt Ion:244 Resp: 3753085
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 9.3 8.2 12.4

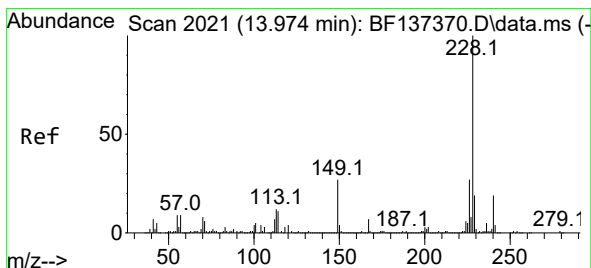
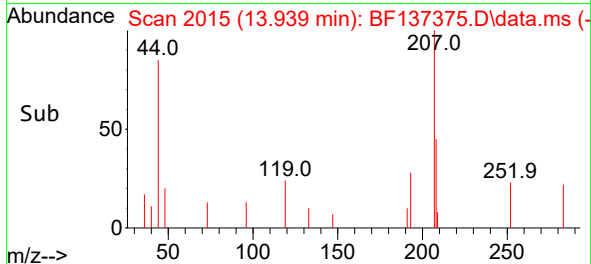
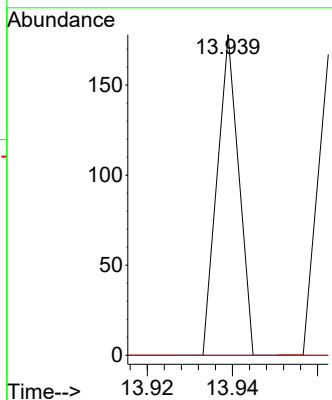
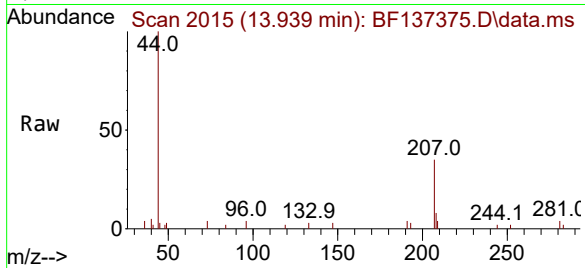




#82
 3,3'-Dichlorobenzidine
 Concen: 5.038 ng
 RT: 13.939 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: BF137375.D
 Acq: 23 Feb 2024 14:57

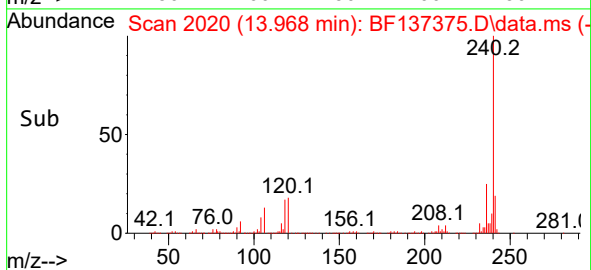
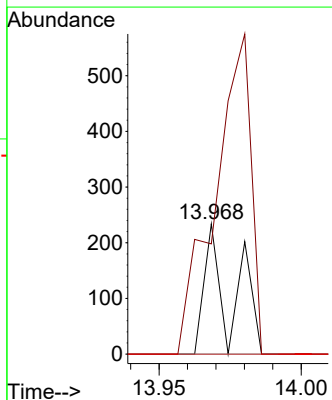
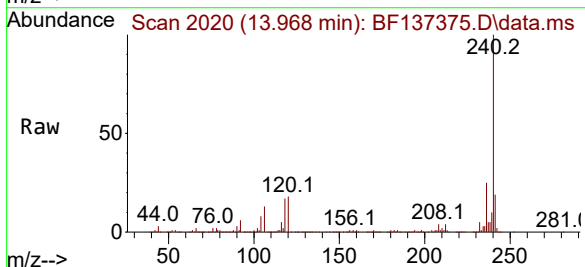
Instrument :
 BNA_F
 ClientSampleId :
 PB159196BL

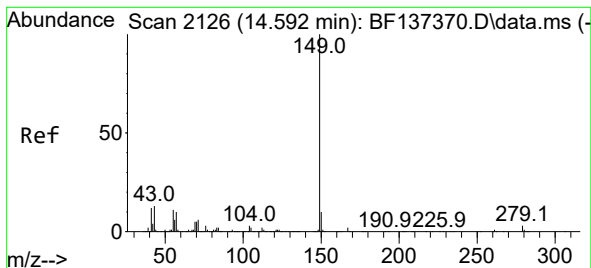
Tgt Ion:252 Resp: 63
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.2 76.8#
 126 0.0 11.1 16.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.099 ng
 RT: 13.968 min Scan# 2020
 Delta R.T. -0.006 min
 Lab File: BF137375.D
 Acq: 23 Feb 2024 14:57

Tgt Ion:149 Resp: 154
 Ion Ratio Lower Upper
 149 100
 167 84.6 20.6 31.0#
 279 0.0 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 5.999 ng

RT: 14.580 min Scan# 2126

Delta R.T. -0.012 min

Lab File: BF137375.D

Acq: 23 Feb 2024 14:57

Instrument :

BNA_F

ClientSampleId :

PB159196BL

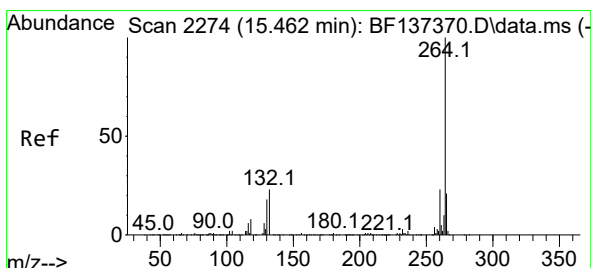
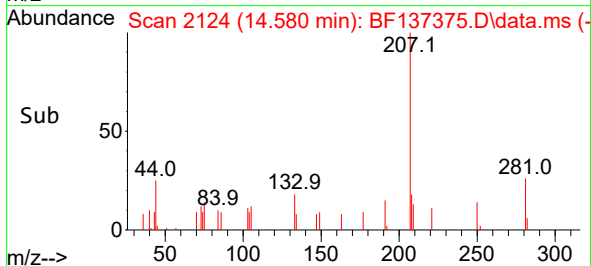
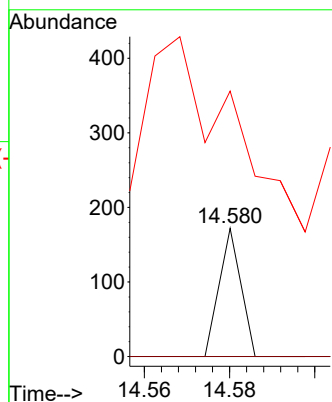
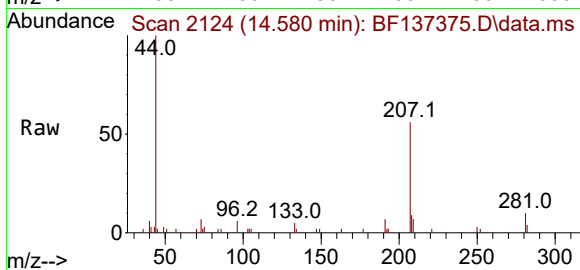
Tgt Ion:149 Resp: 61

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 550.8 13.7 20.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF137375.D

Acq: 23 Feb 2024 14:57

Tgt Ion:264 Resp: 493544

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 20.9 16.9 25.3

