

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032024\
 Data File : BF137654.D
 Acq On : 20 Mar 2024 14:43
 Operator : CG\JU
 Sample : P1616-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 146-BAY-AVENUE

Quant Time: Mar 20 15:01:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

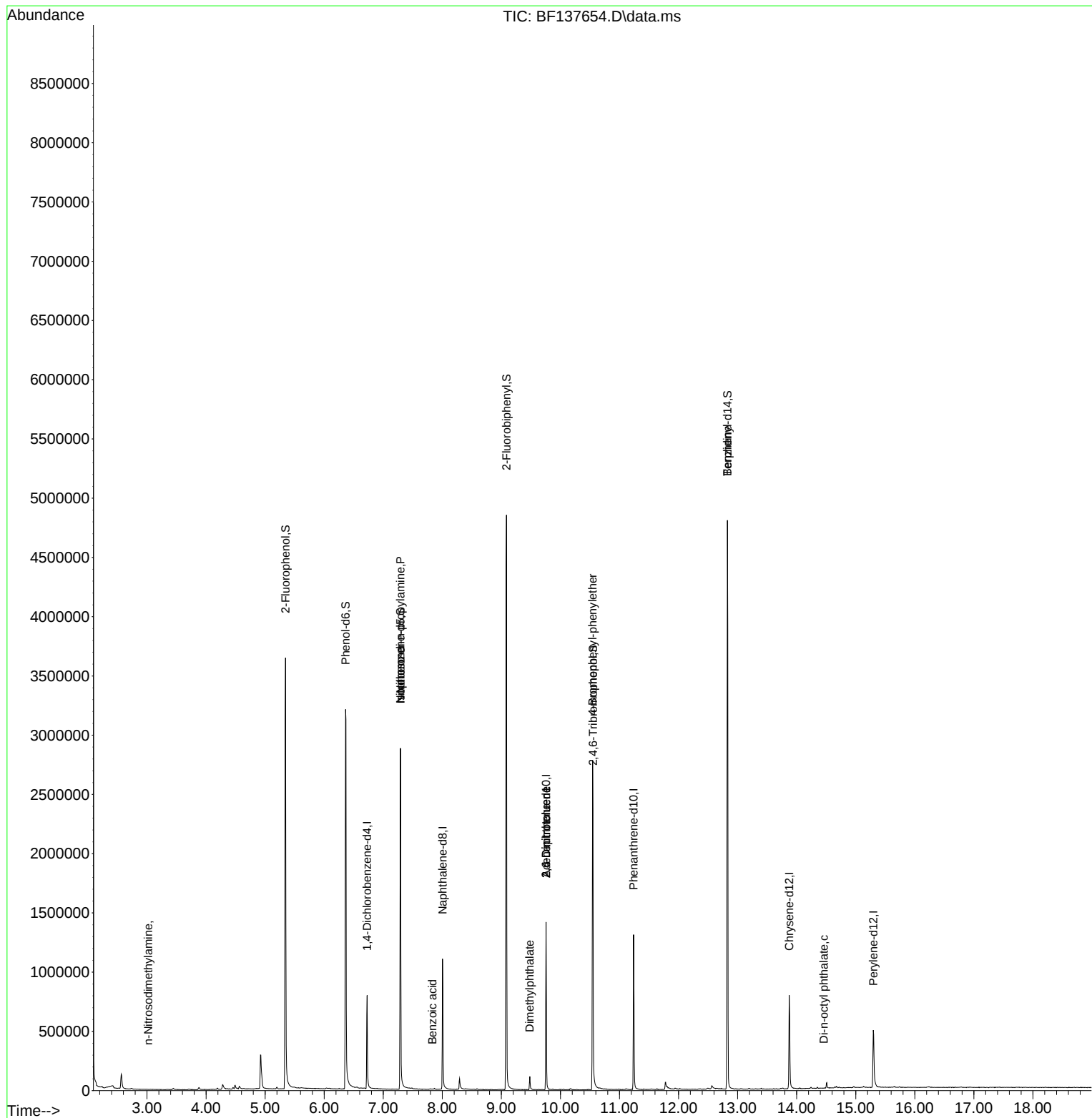
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	123609	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	487210	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	271889	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	472524	20.000	ng	0.00
76) Chrysene-d12	13.874	240	288255	20.000	ng	0.00
86) Perylene-d12	15.298	264	259919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1089539	133.498	ng	0.01
7) Phenol-d6	6.363	99	1368763	116.185	ng	0.00
23) Nitrobenzene-d5	7.292	82	949741	90.575	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	376397	157.643	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1617476	93.124	ng	0.00
79) Terphenyl-d14	12.827	244	1804005	86.059	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.022	42	116	3.833	ng	# 9
19) n-Nitroso-di-n-propyla...	7.292	70	124648	17.134	ng	# 77
25) Isophorone	7.292	82	949741	47.675	ng	# 69
32) Benzoic acid	7.833	122	219	6.341	ng	83
50) Dimethylphthalate	9.480	163	47688	2.520	ng	98
51) 2,6-Dinitrotoluene	9.757	165	35127	8.873	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	35128	7.223	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	24300	4.722	ng	# 1
77) Benzidine	12.827	184	20683	2.932	ng	# 92
85) Di-n-octyl phthalate	14.457	149	172	5.615	ng	# 1

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

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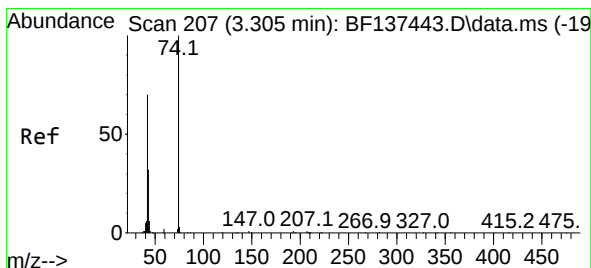
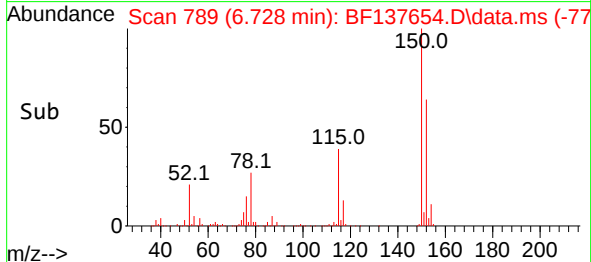
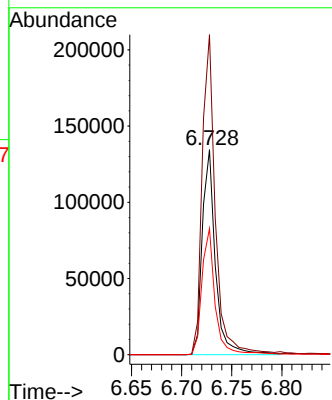
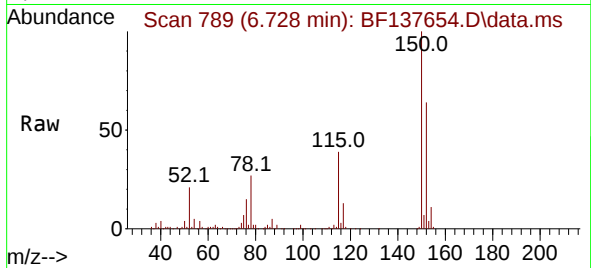




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

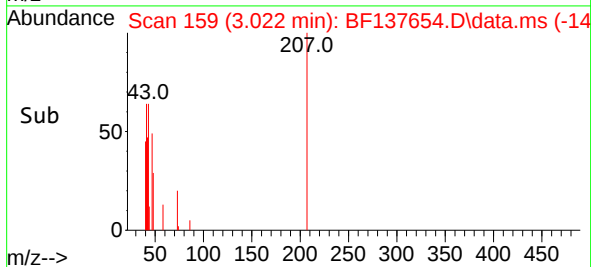
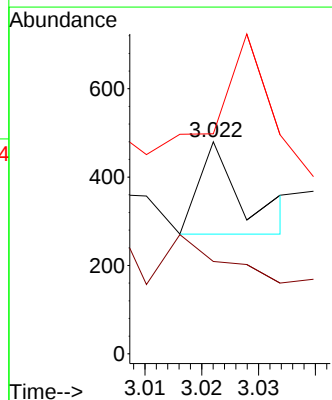
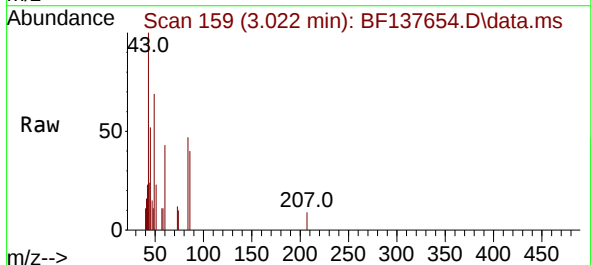
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

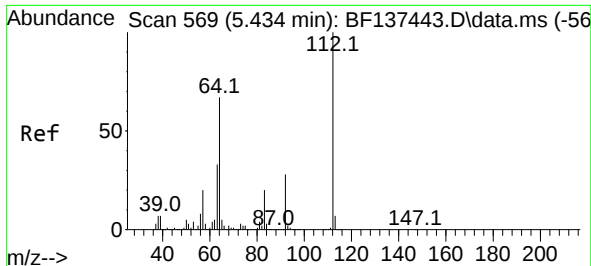
Tgt Ion:152 Resp: 123609
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 61.5 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.833 ng
RT: 3.022 min Scan# 159
Delta R.T. -0.018 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion: 42 Resp: 116
Ion Ratio Lower Upper
42 100
74 43.5 114.0 171.0#
44 103.7 7.0 10.4#

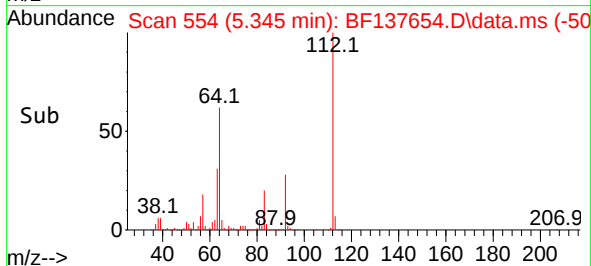
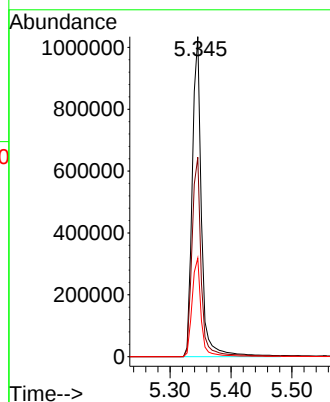
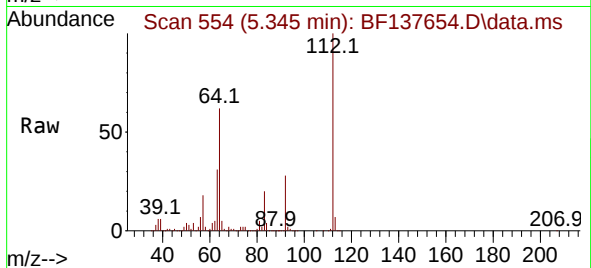




#5
2-Fluorophenol
Concen: 133.498 ng
RT: 5.345 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

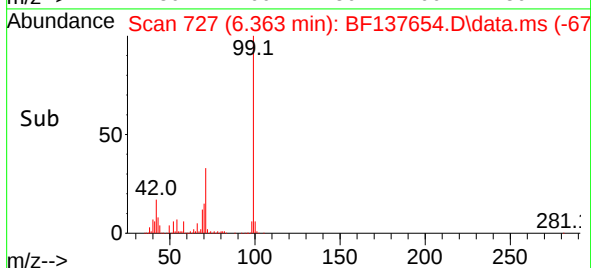
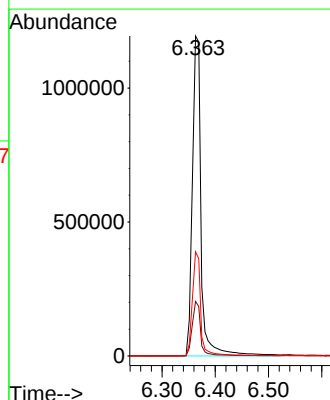
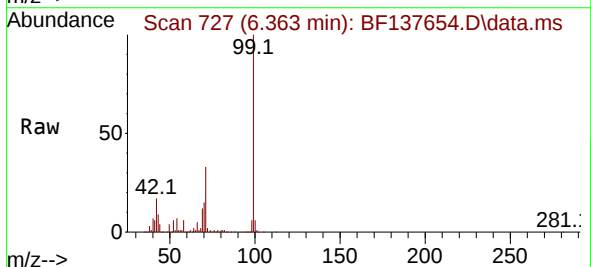
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

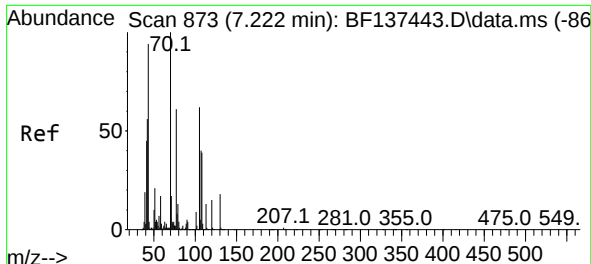
Tgt Ion:112 Resp: 1089539
Ion Ratio Lower Upper
112 100
64 62.3 53.4 80.2
63 30.8 26.2 39.2



#7
Phenol-d6
Concen: 116.185 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion: 99 Resp: 1368763
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 32.6 25.3 37.9

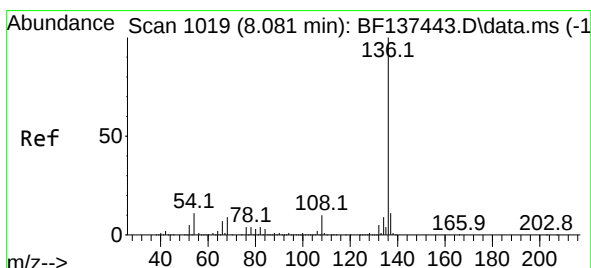
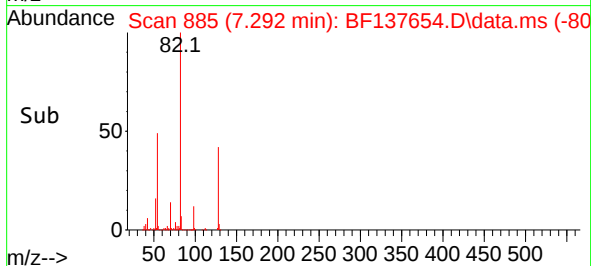
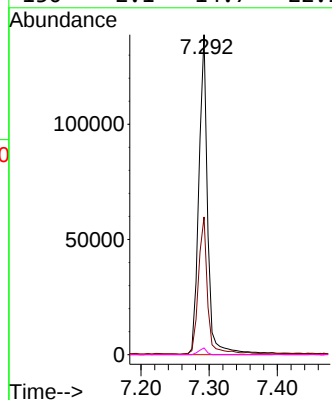
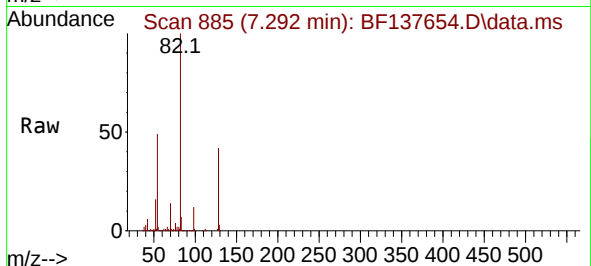




#19
n-Nitroso-di-n-propylamine
Concen: 17.134 ng
RT: 7.292 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

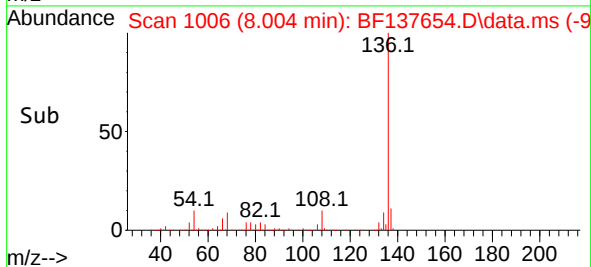
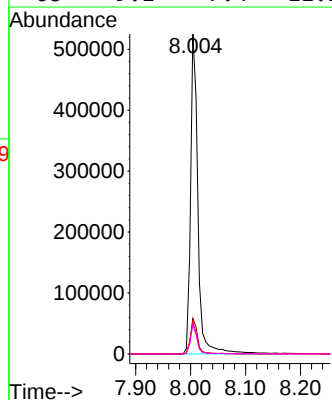
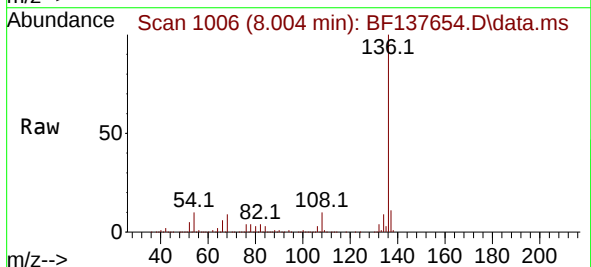
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

Tgt Ion: 70 Resp: 124648
Ion Ratio Lower Upper
70 100
42 43.0 45.2 67.8#
101 0.0 7.3 10.9#
130 2.1 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion: 136 Resp: 487210
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.0 8.5 12.7
68 9.1 7.4 11.2

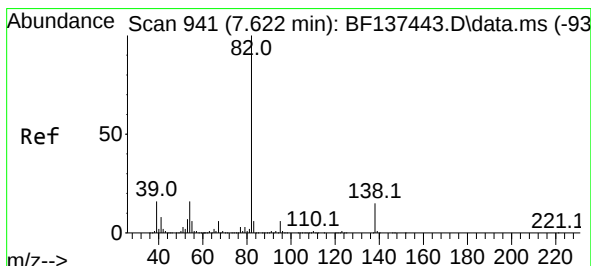
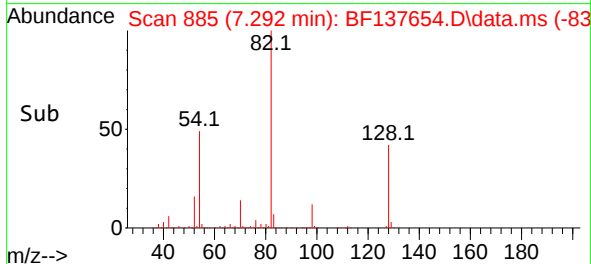
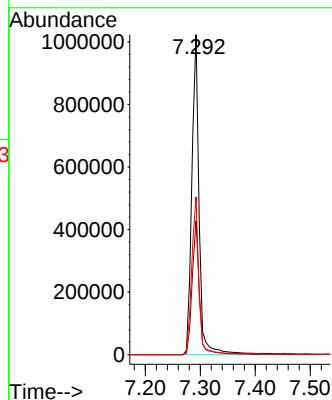
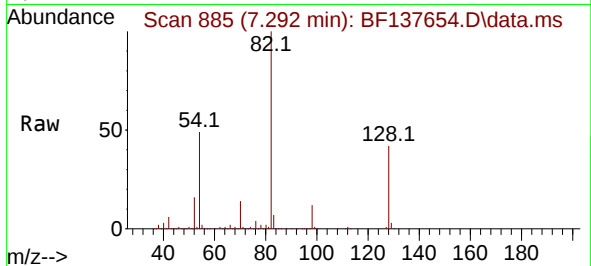




#23
Nitrobenzene-d5
Concen: 90.575 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

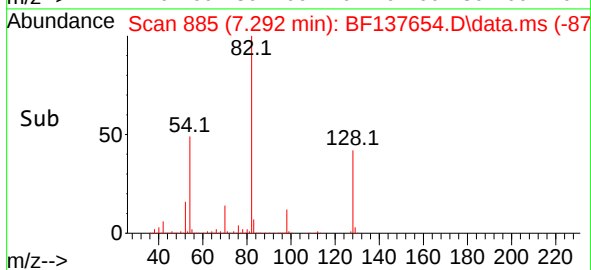
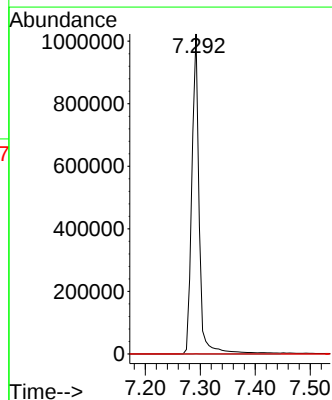
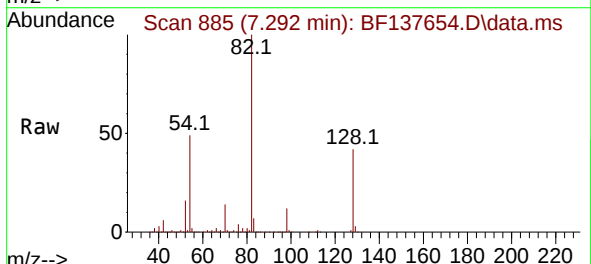
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

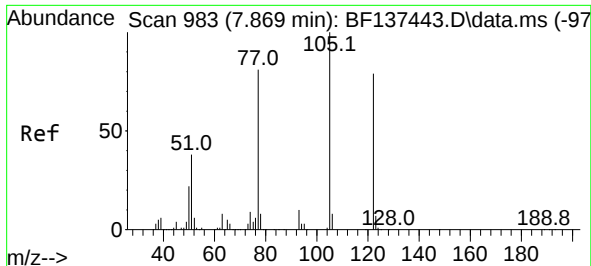
Tgt Ion: 82 Resp: 949741
Ion Ratio Lower Upper
82 100
128 41.9 32.5 48.7
54 49.3 41.5 62.3



#25
Isophorone
Concen: 47.675 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.259 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion: 82 Resp: 949741
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 11.8 17.8#

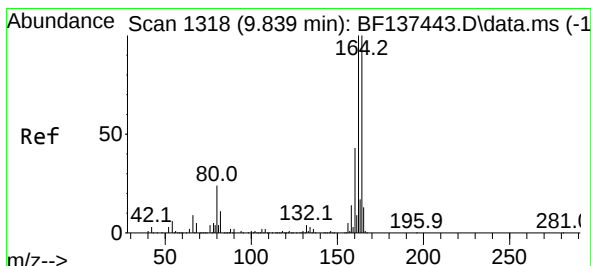
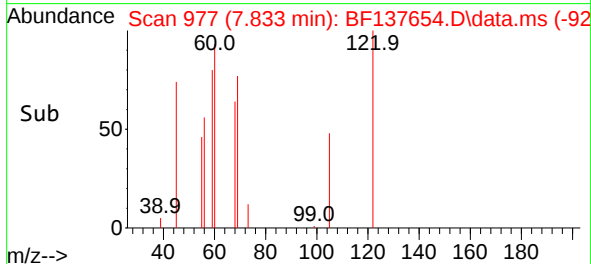
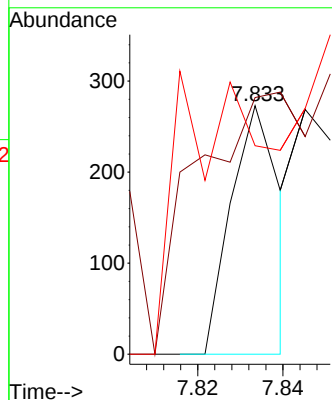
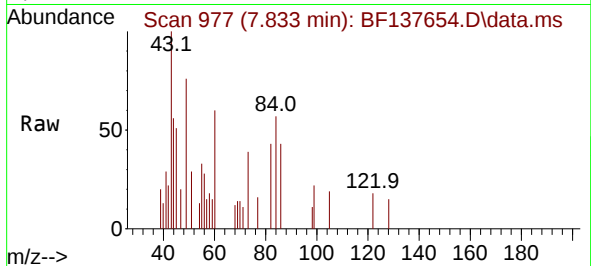




#32
Benzoic acid
Concen: 6.341 ng
RT: 7.833 min Scan# 91
Delta R.T. 0.035 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

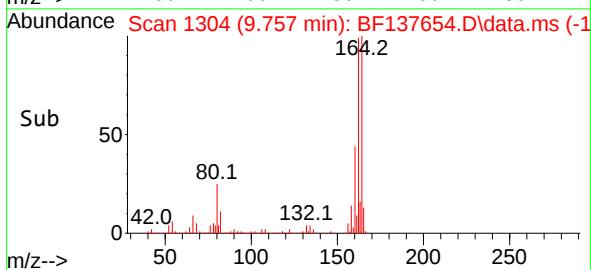
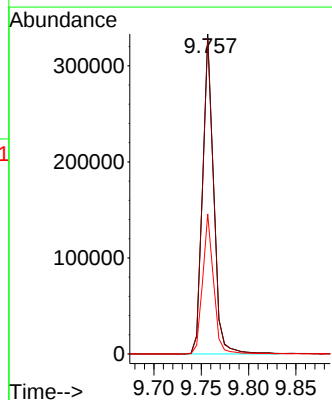
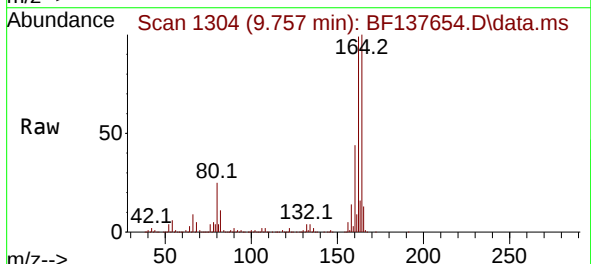
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

Tgt Ion:122 Resp: 219
Ion Ratio Lower Upper
122 100
105 103.3 102.4 142.4
77 83.9 81.1 121.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion:164 Resp: 271889
Ion Ratio Lower Upper
164 100
162 98.7 79.8 119.8
160 43.8 34.4 51.6

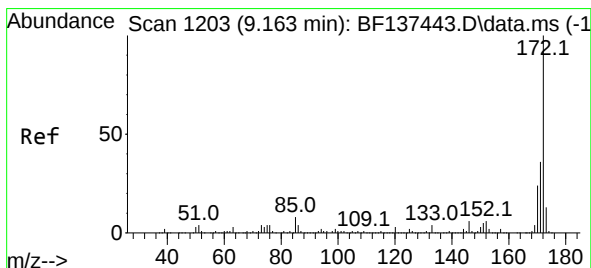
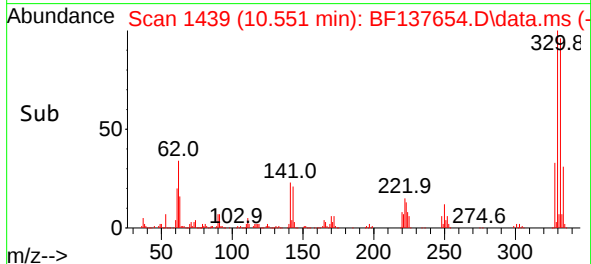
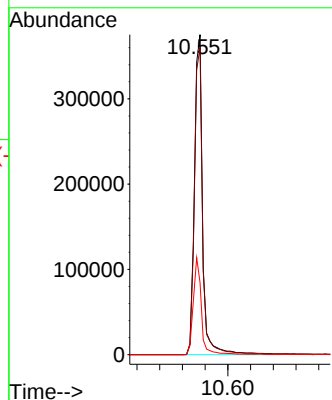
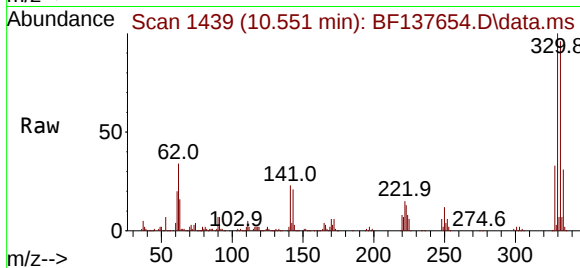




#42
2,4,6-Tribromophenol
Concen: 157.643 ng
RT: 10.551 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

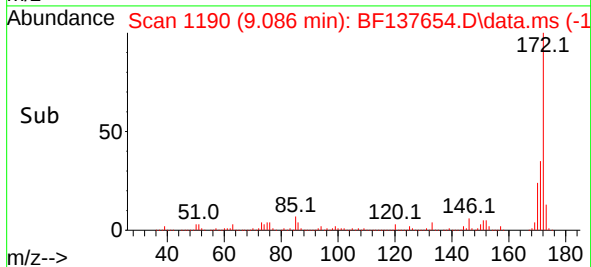
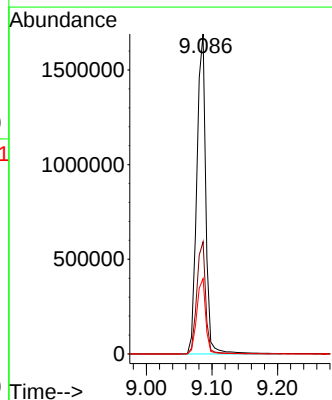
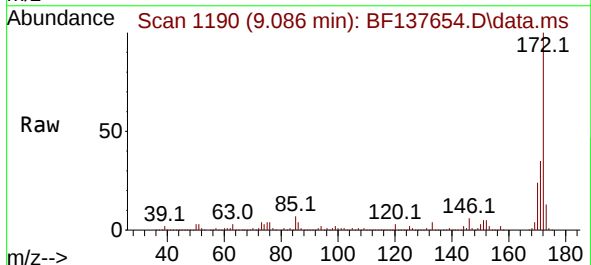
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ClientSampleId :
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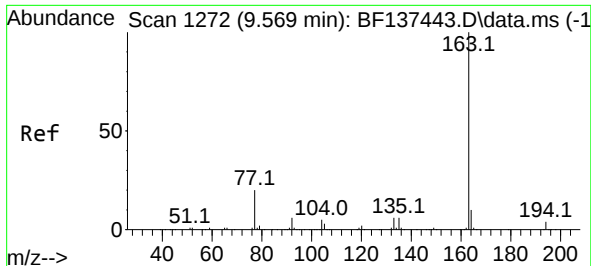
Tgt Ion:330 Resp: 376397
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 29.8 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 93.124 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion:172 Resp: 1617476
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.6 19.0 28.6

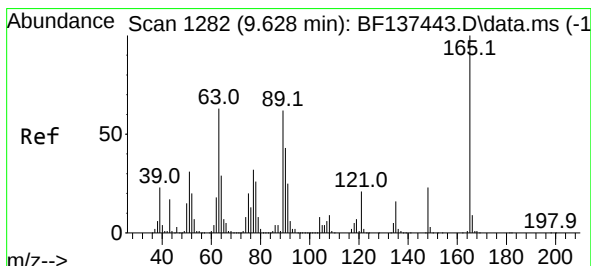
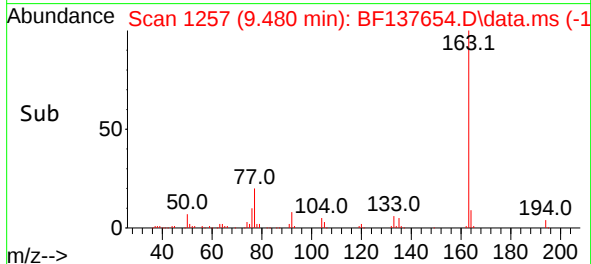
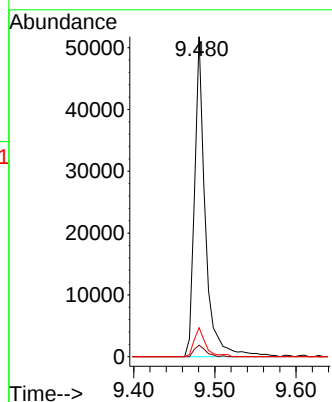
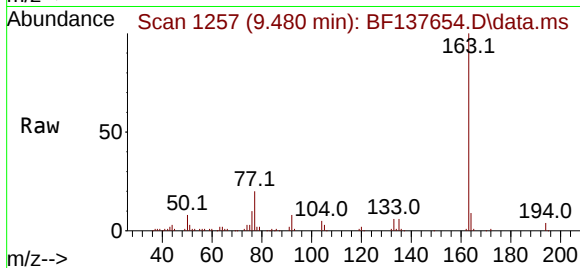




#50
Dimethylphthalate
Concen: 2.520 ng
RT: 9.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

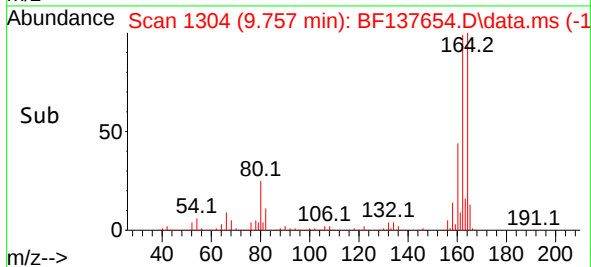
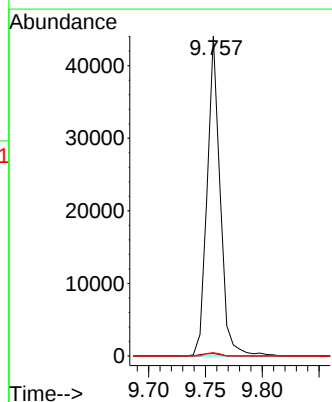
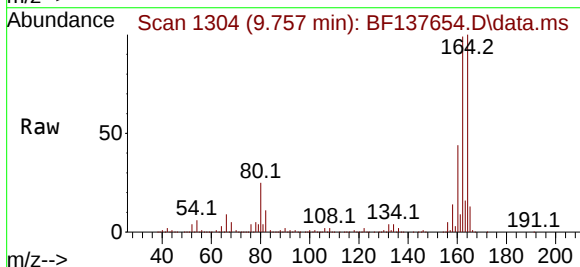
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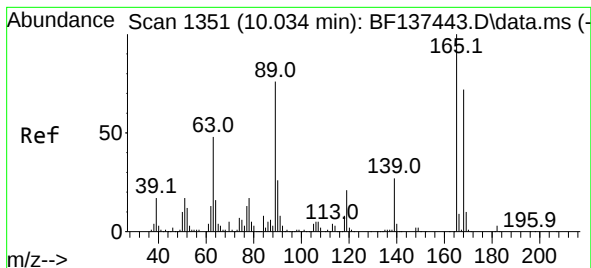
Tgt Ion:163 Resp: 47688
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.0 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.873 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion:165 Resp: 35127
Ion Ratio Lower Upper
165 100
63 0.8 50.7 76.1#
89 1.1 50.0 75.0#

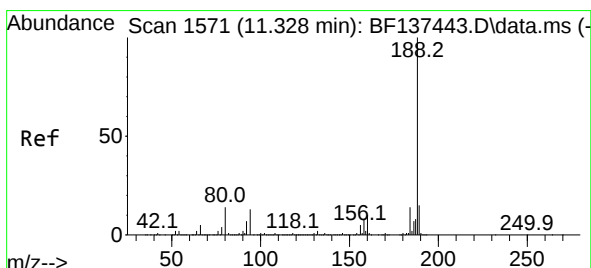
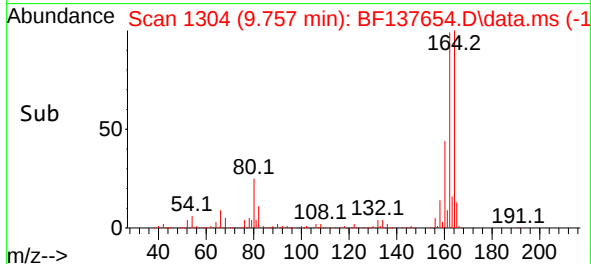
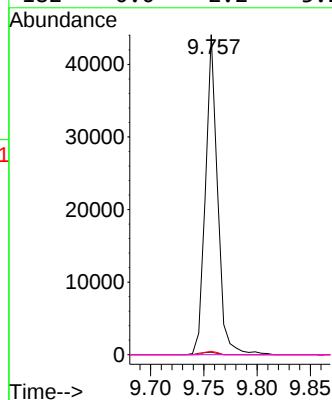
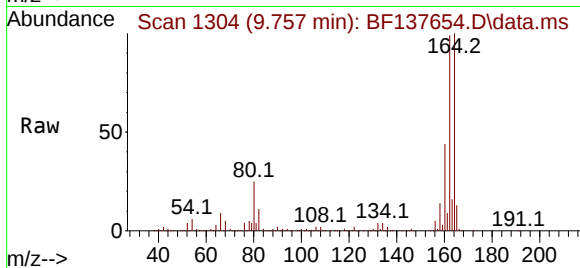




#57
2,4-Dinitrotoluene
Concen: 7.223 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

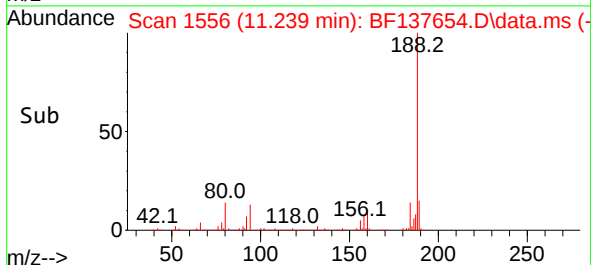
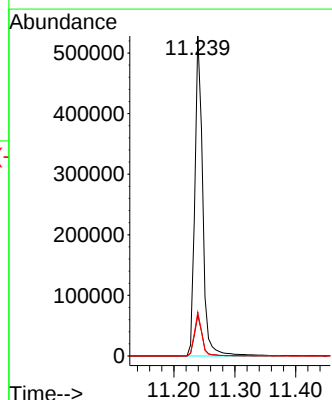
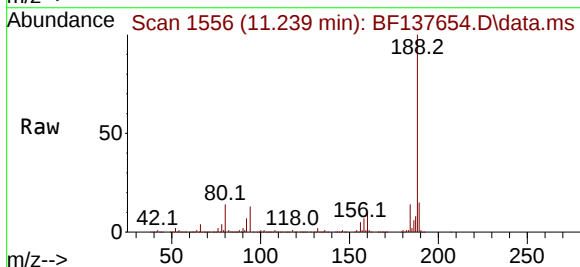
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

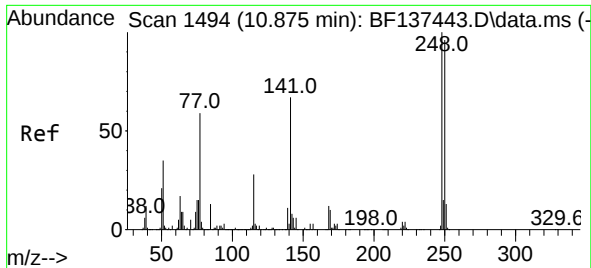
Tgt Ion:165 Resp: 35128
Ion Ratio Lower Upper
165 100
63 0.8 39.0 58.6#
89 1.1 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion:188 Resp: 472524
Ion Ratio Lower Upper
188 100
94 12.7 10.6 15.8
80 13.7 11.5 17.3

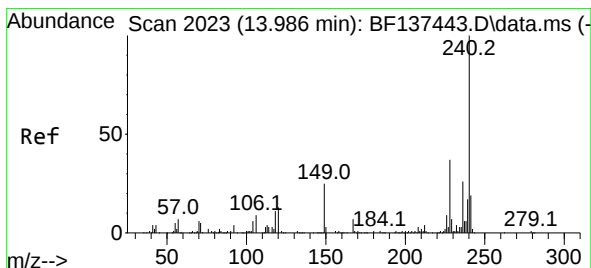
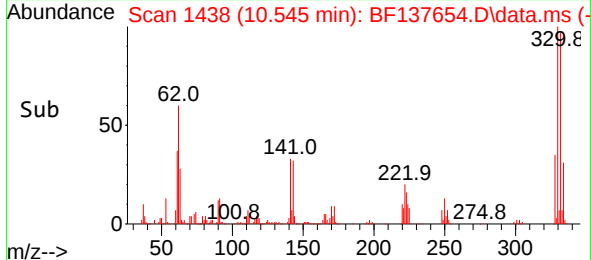
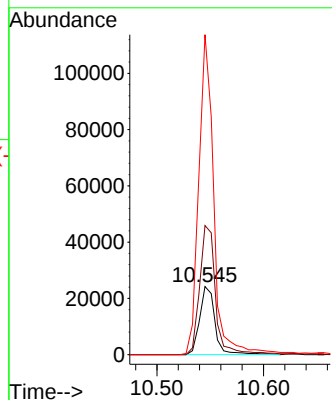
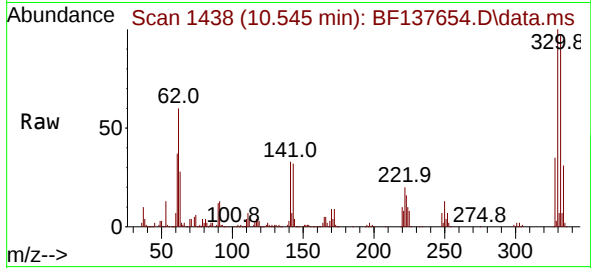




#67
4-Bromophenyl-phenylether
Concen: 4.722 ng
RT: 10.545 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

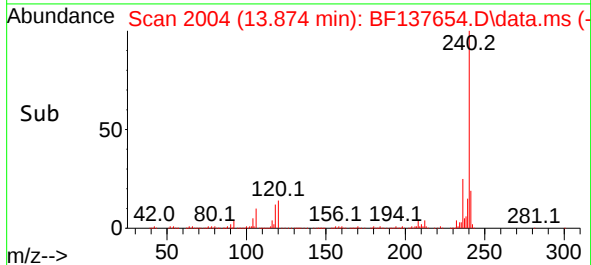
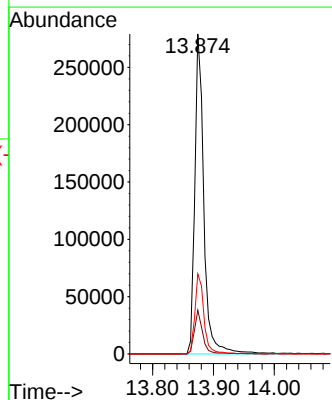
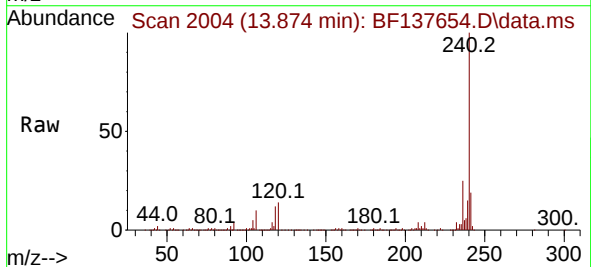
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

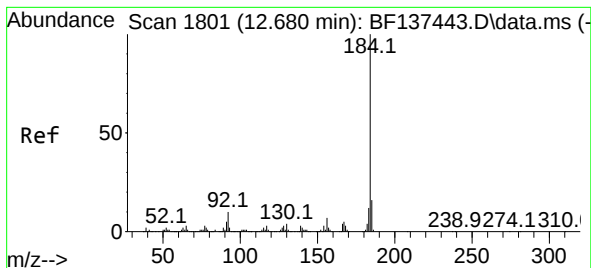
Tgt Ion:248 Resp: 24300
Ion Ratio Lower Upper
248 100
250 189.5 76.8 115.2#
141 469.4 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion:240 Resp: 288255
Ion Ratio Lower Upper
240 100
120 13.7 10.4 15.6
236 25.0 20.9 31.3





#77

Benzidine

Concen: 2.932 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF137654.D

Acq: 20 Mar 2024 14:43

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUE

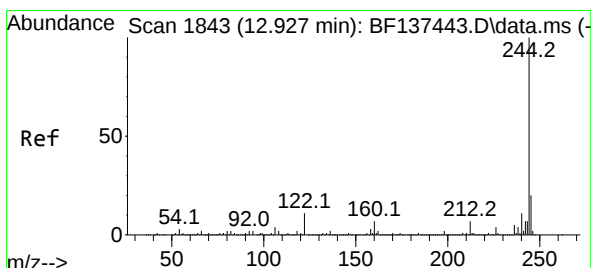
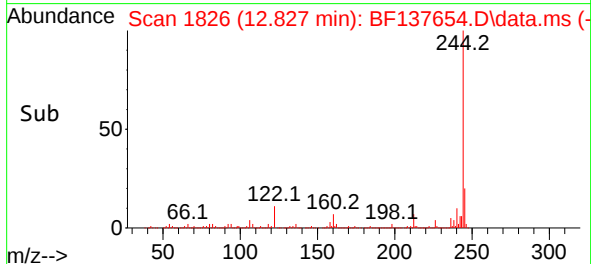
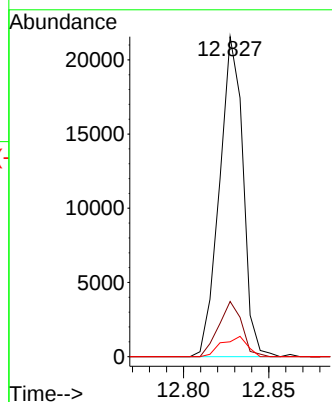
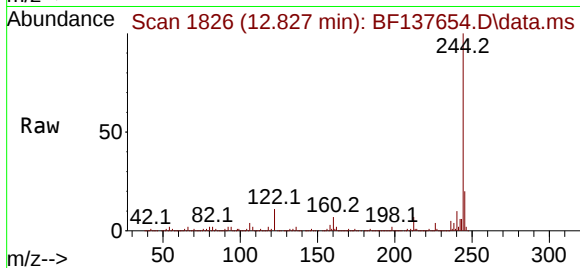
Tgt Ion:184 Resp: 20683

Ion Ratio Lower Upper

184 100

185 17.2 13.2 19.8

183 4.6 9.3 13.9#



#79

Terphenyl-d14

Concen: 86.059 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BF137654.D

Acq: 20 Mar 2024 14:43

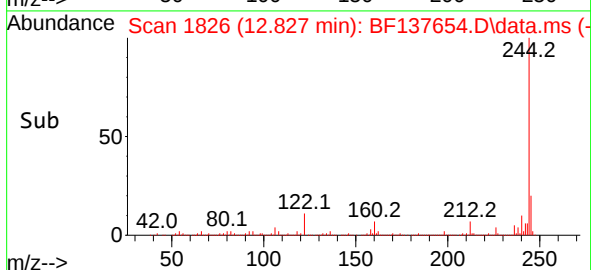
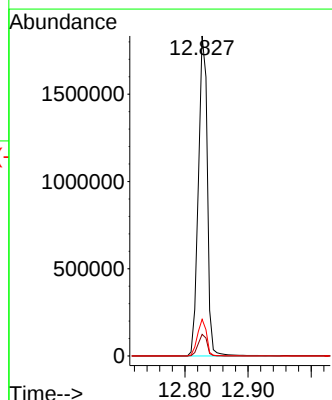
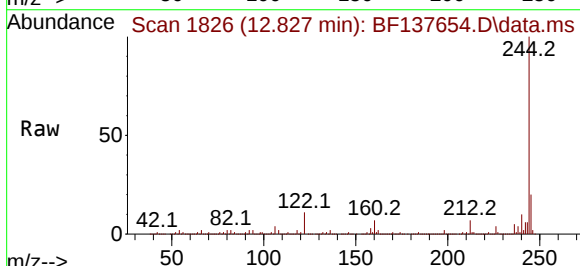
Tgt Ion:244 Resp: 1804005

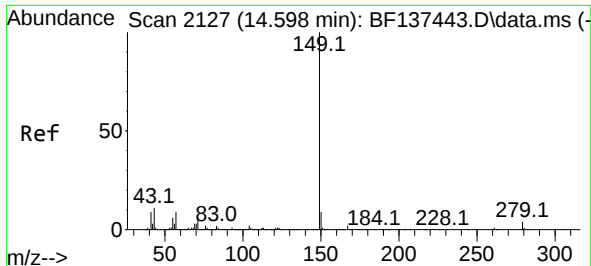
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.5 9.1 13.7

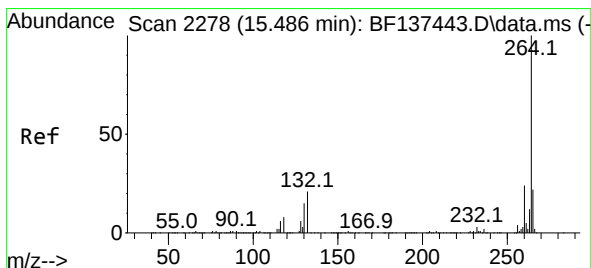
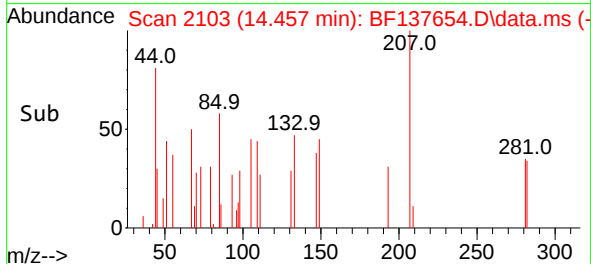
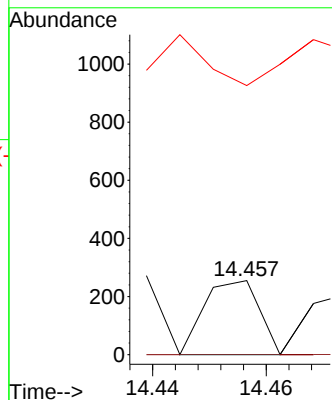
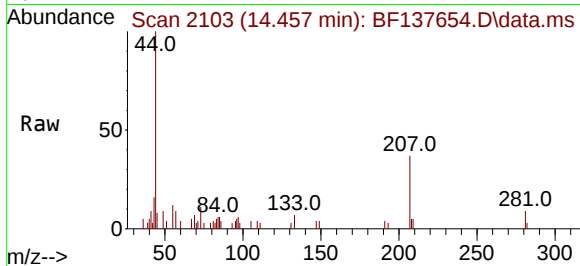




#85
Di-n-octyl phthalate
Concen: 5.615 ng
RT: 14.457 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

Tgt Ion:149 Resp: 172
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 230.2 9.6 14.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF137654.D
Acq: 20 Mar 2024 14:43

Tgt Ion:264 Resp: 259919
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 21.4 17.4 26.0

