

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137647.D
 Acq On : 19 Mar 2024 14:44
 Operator : CG\JU
 Sample : P1616-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 146-BAY-AVENUE

Quant Time: Mar 19 15:03:15 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)

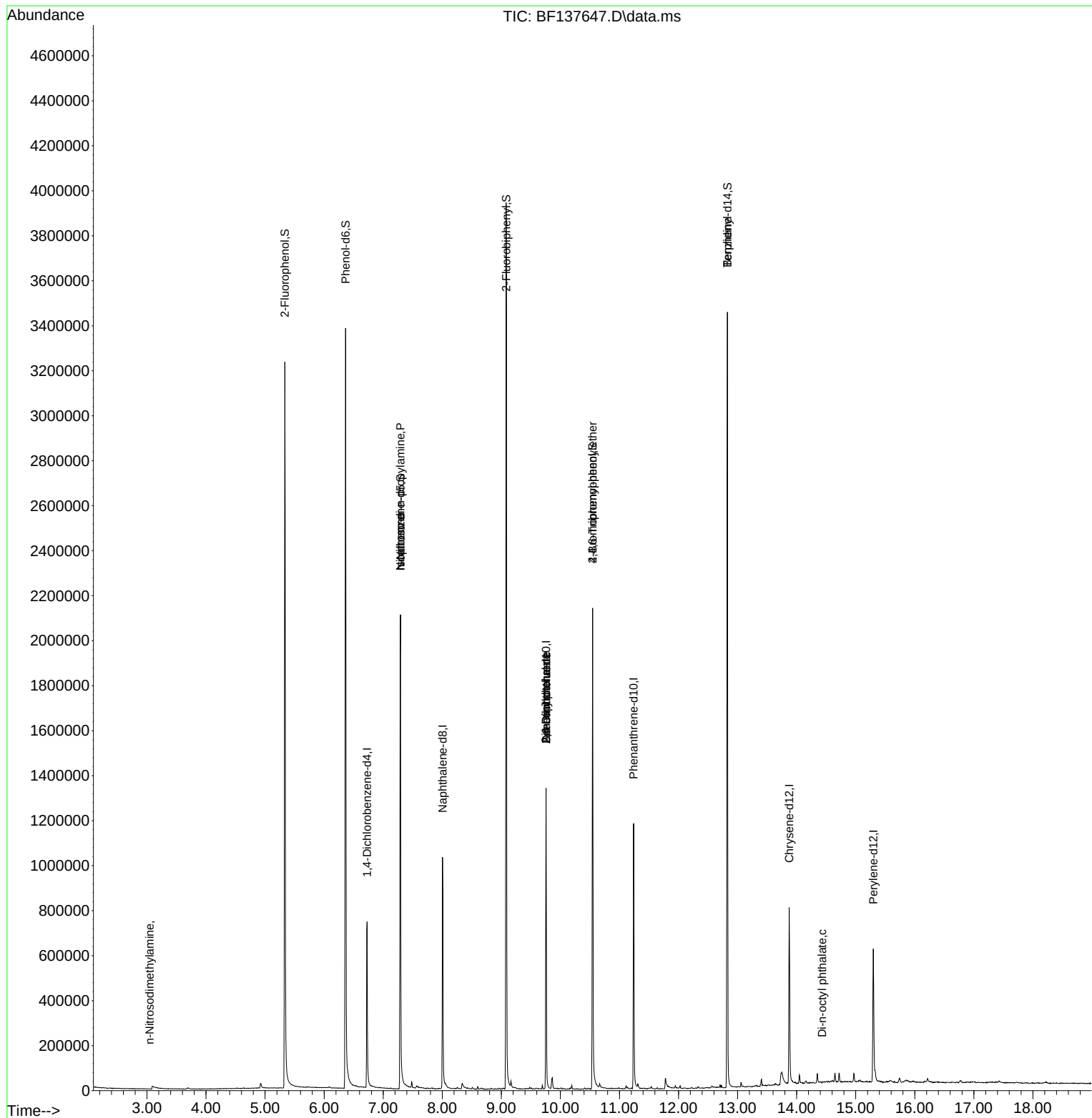
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	124293	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	478942	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	257962	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	420952	20.000	ng	0.00
76) Chrysene-d12	13.874	240	275328	20.000	ng	0.00
86) Perylene-d12	15.298	264	274382	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	964513	117.528	ng	0.00
7) Phenol-d6	6.363	99	1284935	108.469	ng	0.00
23) Nitrobenzene-d5	7.293	82	761367	73.863	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	252369	111.404	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1270470	77.094	ng	0.00
79) Terphenyl-d14	12.827	244	1166890	58.279	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.046	42	186	3.847	ng	# 1
19) n-Nitroso-di-n-propyla...	7.293	70	97900	13.383	ng	# 76
25) Isophorone	7.293	82	761367	38.879	ng	# 69
50) Dimethylphthalate	9.757	163	38895	2.166	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	32211	8.576	ng	# 20
57) 2,4-Dinitrotoluene	9.757	165	32211	6.980	ng	# 21
67) 4-Bromophenyl-phenylether	10.545	248	16948	3.696	ng	# 1
77) Benzidine	12.827	184	13875	2.059	ng	# 94
85) Di-n-octyl phthalate	14.433	149	309	5.623	ng	# 1

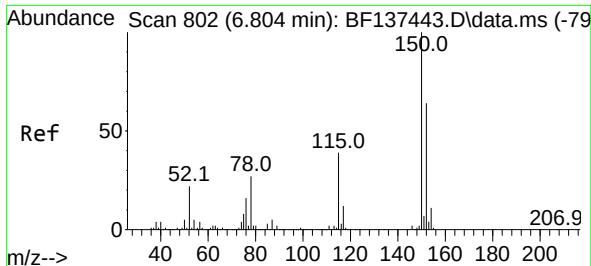
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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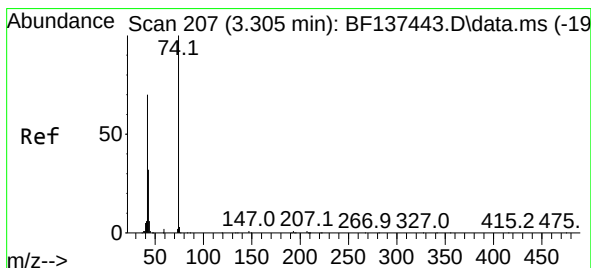
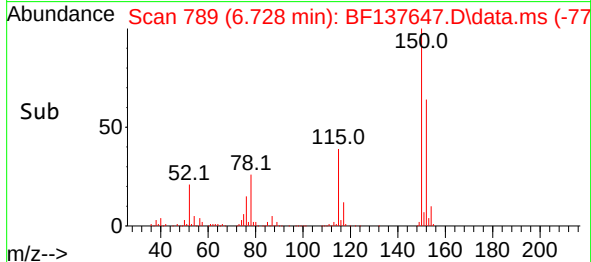
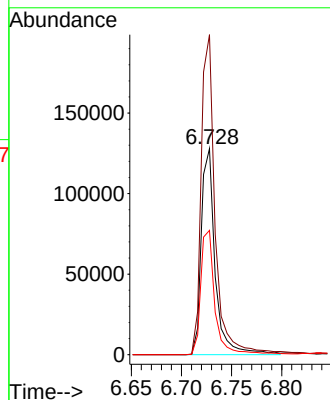
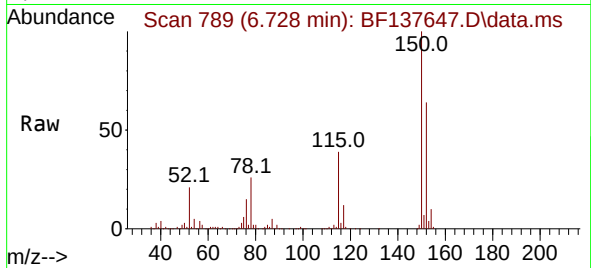




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

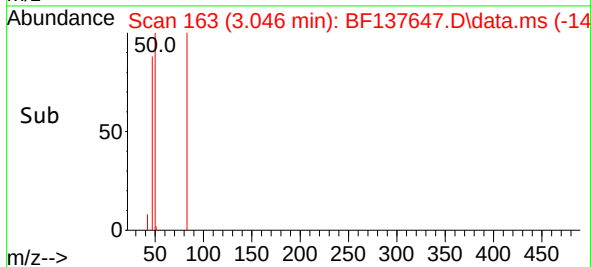
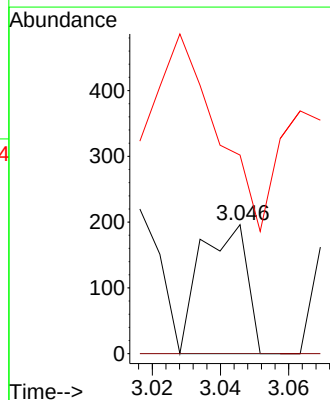
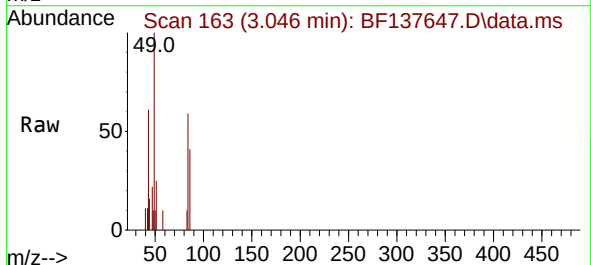
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

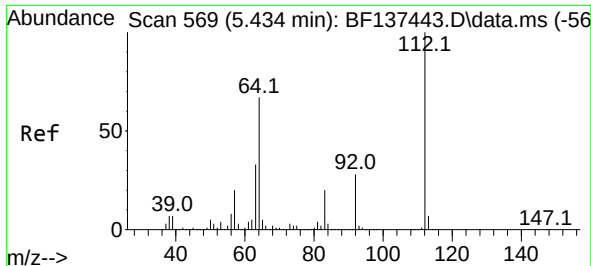
Tgt Ion:152 Resp: 124293
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 60.3 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.847 ng
RT: 3.046 min Scan# 163
Delta R.T. 0.006 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

Tgt Ion: 42 Resp: 186
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 154.1 7.0 10.4#

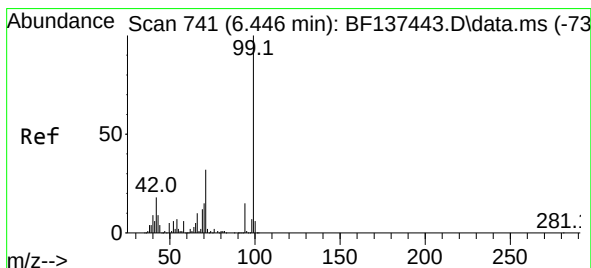
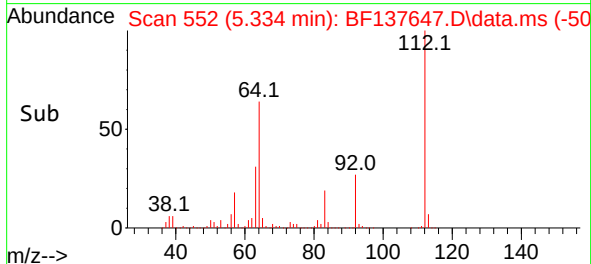
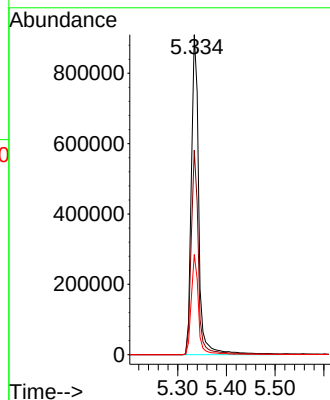
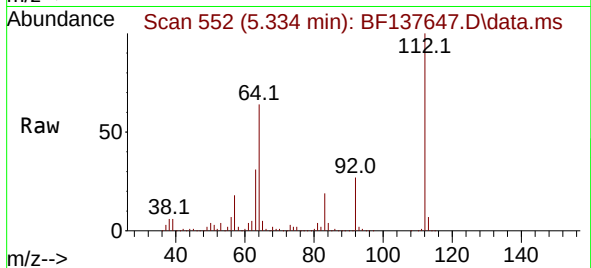




#5
2-Fluorophenol
Concen: 117.528 ng
RT: 5.334 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

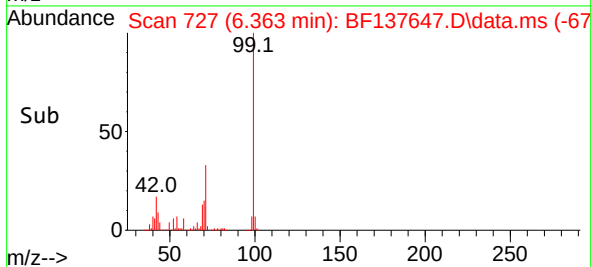
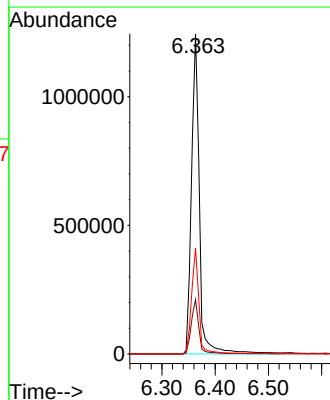
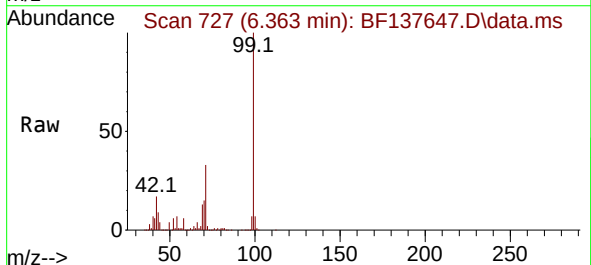
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

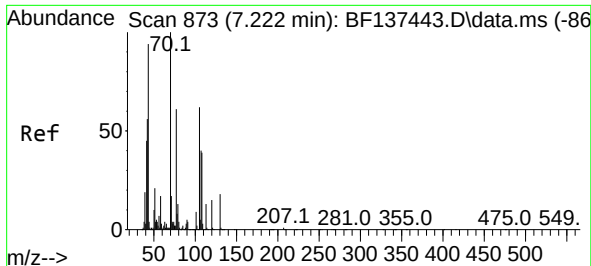
Tgt Ion:112 Resp: 964513
Ion Ratio Lower Upper
112 100
64 63.8 53.4 80.2
63 31.3 26.2 39.2



#7
Phenol-d6
Concen: 108.469 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

Tgt Ion: 99 Resp: 1284935
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 33.1 25.3 37.9

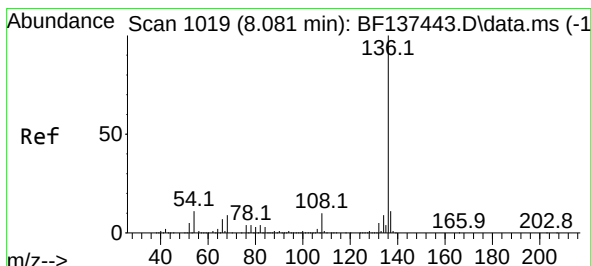
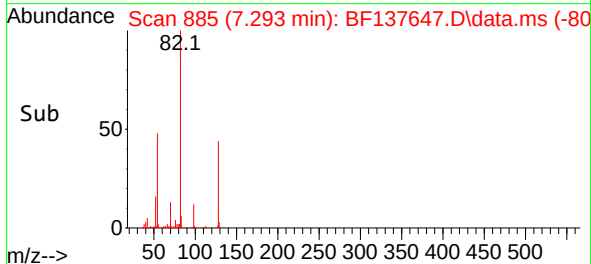
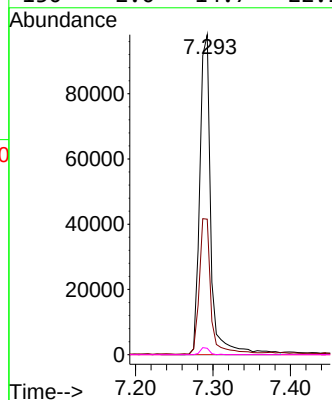
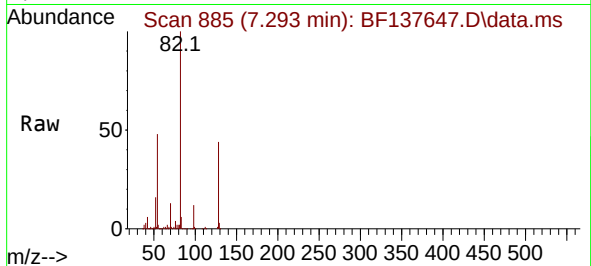




#19
n-Nitroso-di-n-propylamine
Concen: 13.383 ng
RT: 7.293 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

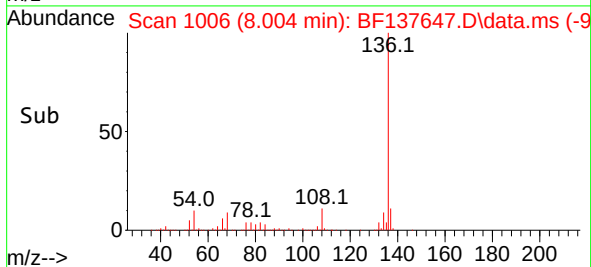
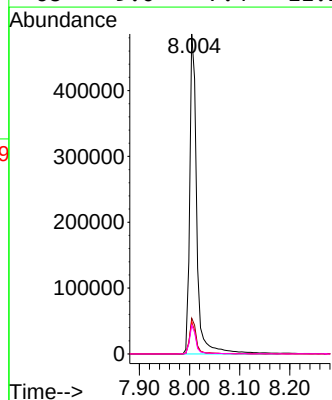
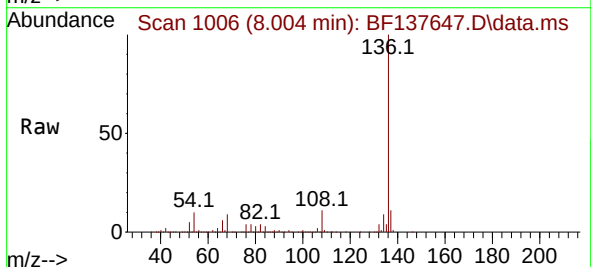
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

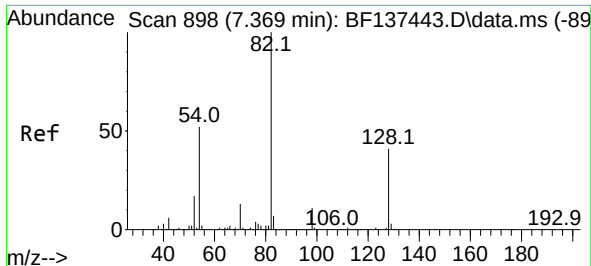
Tgt Ion: 70 Resp: 97900
Ion Ratio Lower Upper
70 100
42 42.4 45.2 67.8#
101 0.0 7.3 10.9#
130 2.0 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

Tgt Ion: 136 Resp: 478942
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.1 8.5 12.7
68 9.0 7.4 11.2





#23

Nitrobenzene-d5

Concen: 73.863 ng

RT: 7.293 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF137647.D

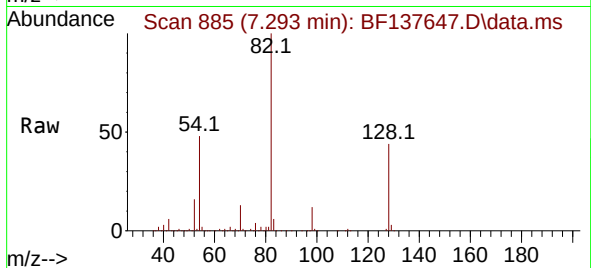
Acq: 19 Mar 2024 14:44

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUE



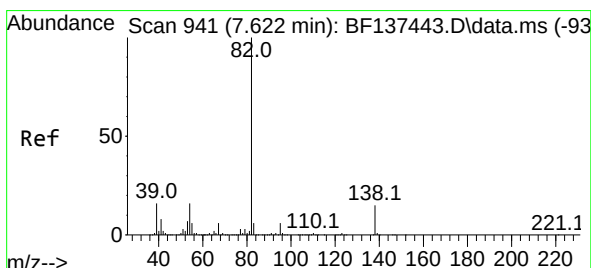
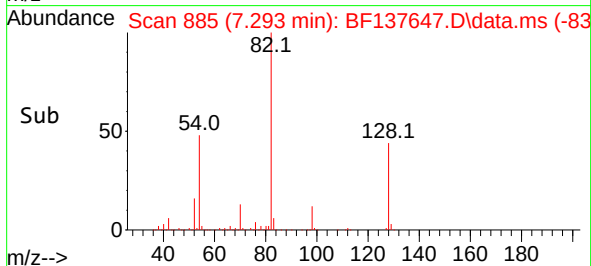
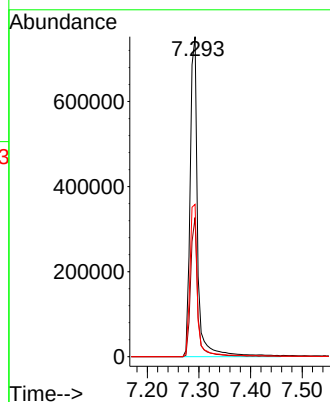
Tgt Ion: 82 Resp: 761367

Ion Ratio Lower Upper

82 100

128 43.5 32.5 48.7

54 47.6 41.5 62.3



#25

Isophorone

Concen: 38.879 ng

RT: 7.293 min Scan# 885

Delta R.T. -0.259 min

Lab File: BF137647.D

Acq: 19 Mar 2024 14:44

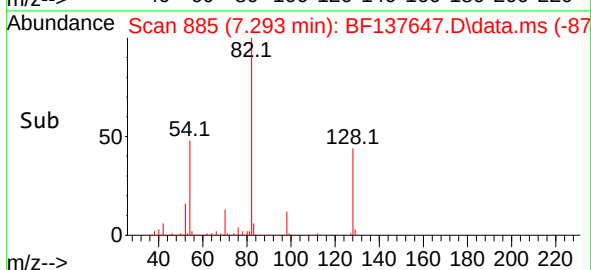
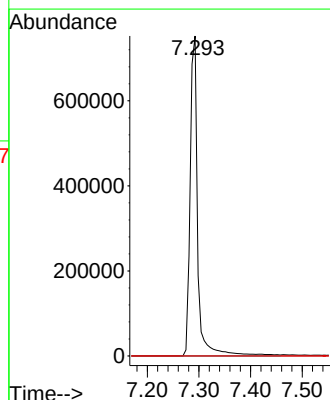
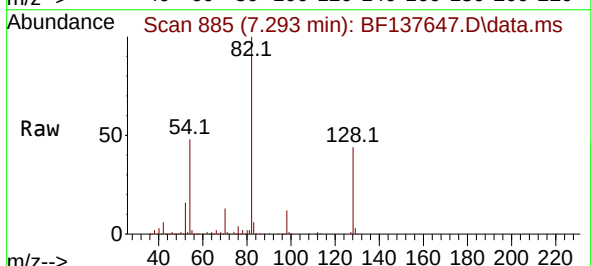
Tgt Ion: 82 Resp: 761367

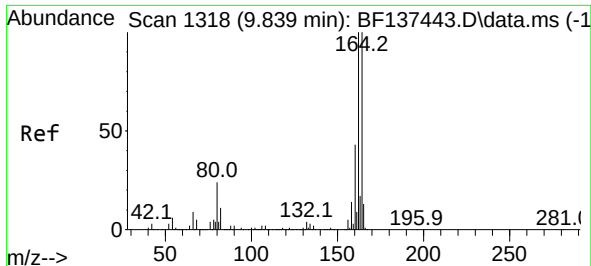
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

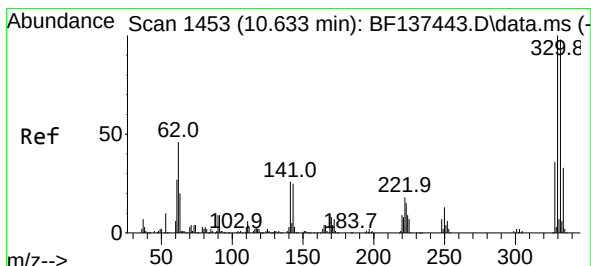
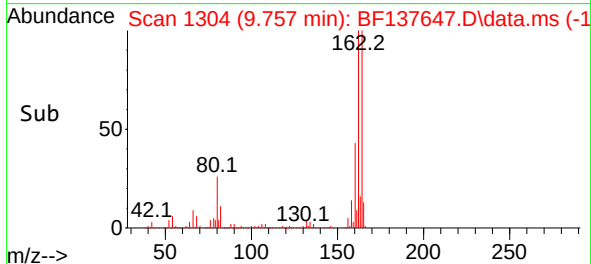
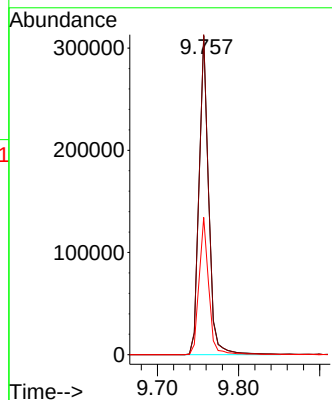
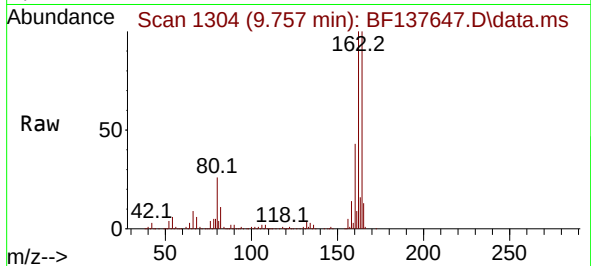




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

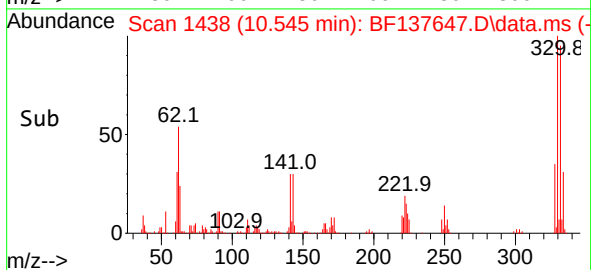
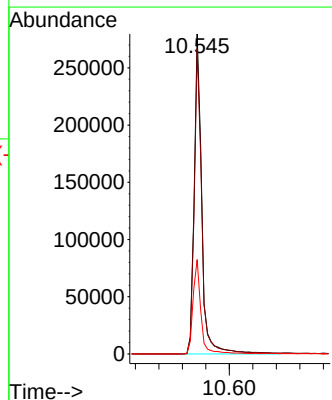
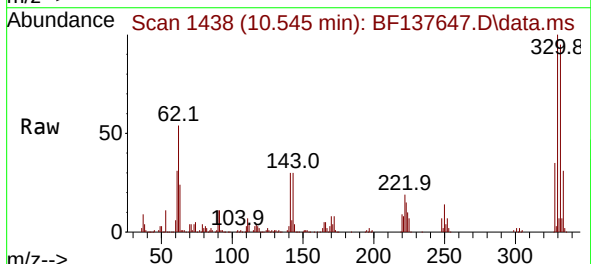
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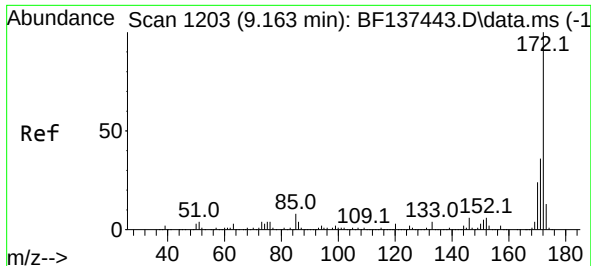
Tgt Ion:164 Resp: 257962
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 43.1 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 111.404 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

Tgt Ion:330 Resp: 252369
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 30.6 27.3 40.9

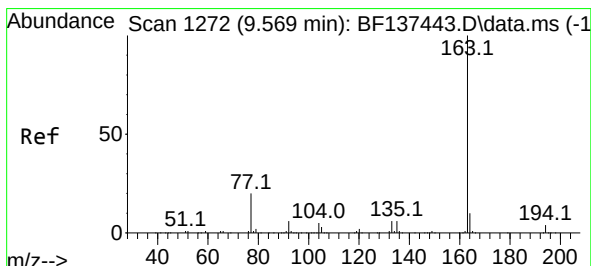
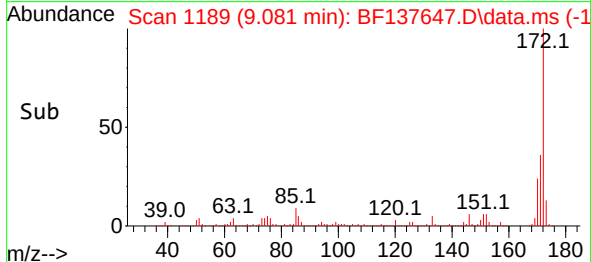
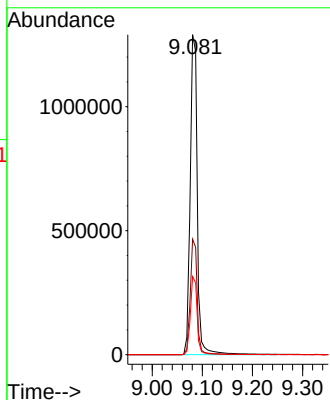
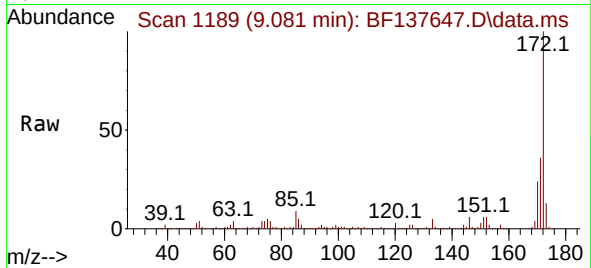




#45
2-Fluorobiphenyl
Concen: 77.094 ng
RT: 9.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

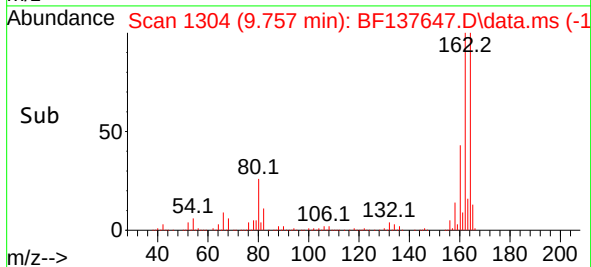
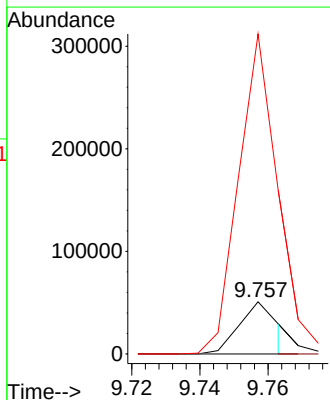
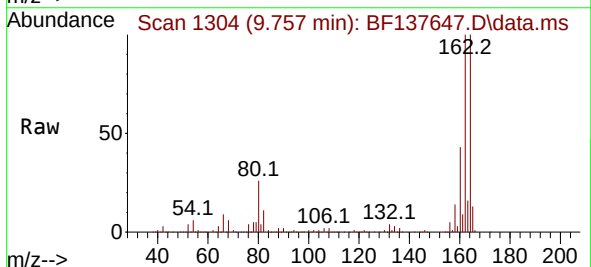
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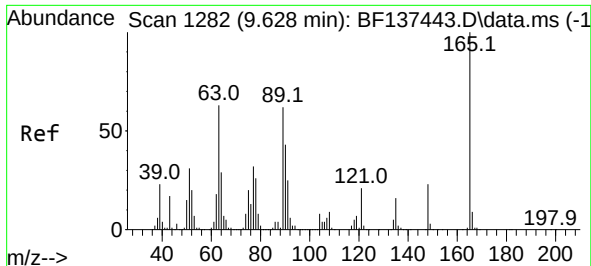
Tgt Ion:172 Resp: 1270470
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 24.4 19.0 28.6



#50
Dimethylphthalate
Concen: 2.166 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

Tgt Ion:163 Resp: 38895
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 614.2 8.1 12.1#

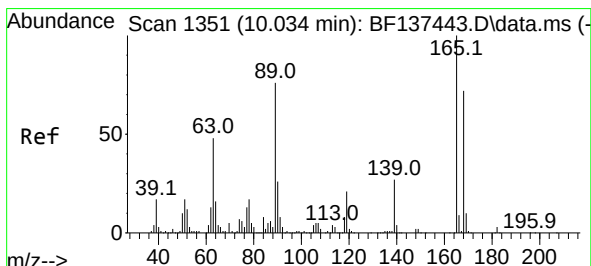
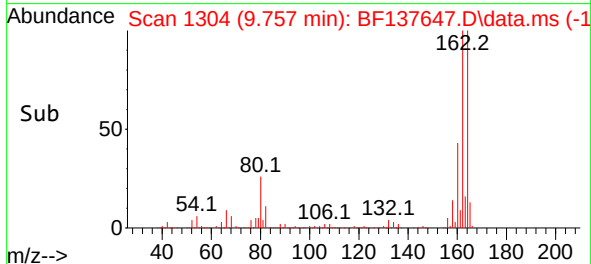
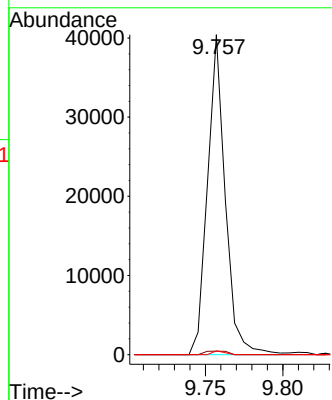
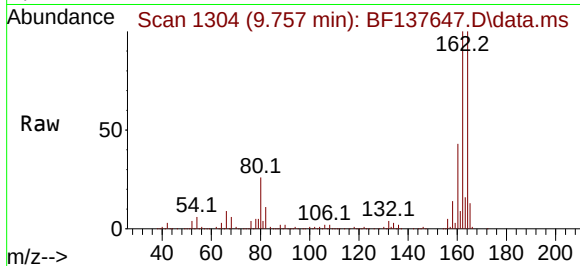




#51
2,6-Dinitrotoluene
Concen: 8.576 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

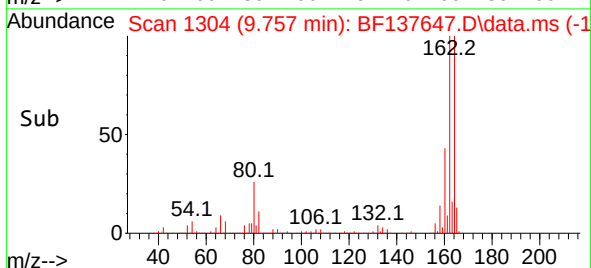
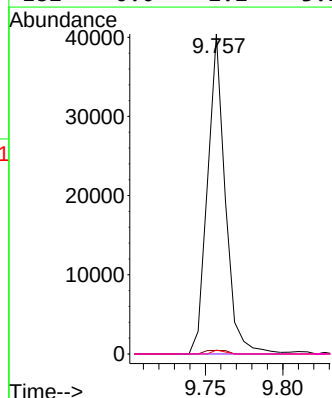
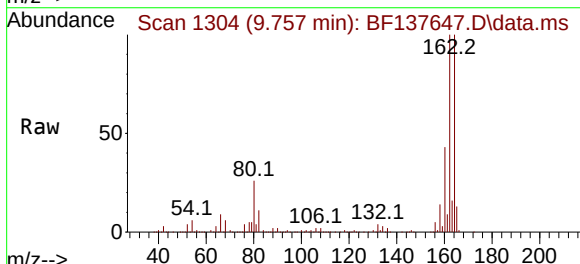
Instrument :
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ClientSampleId :
146-BAY-AVENUE

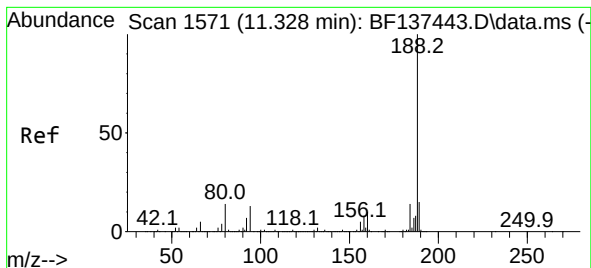
Tgt Ion:165 Resp: 32211
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 1.2 50.0 75.0#



#57
2,4-Dinitrotoluene
Concen: 6.980 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

Tgt Ion:165 Resp: 32211
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137647.D

Acq: 19 Mar 2024 14:44

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUE

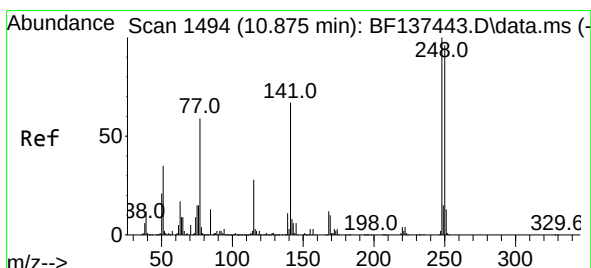
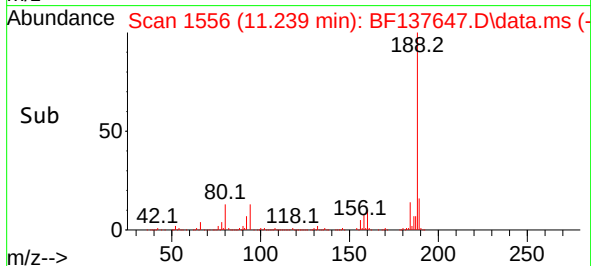
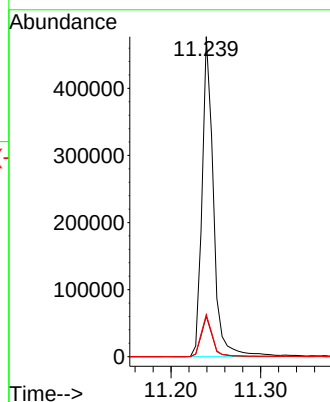
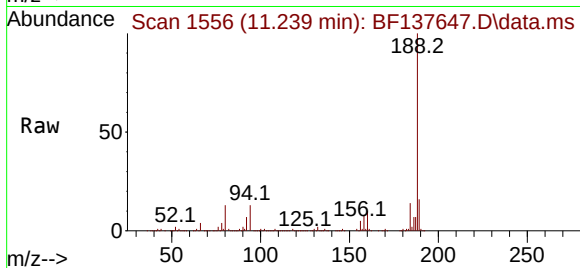
Tgt Ion:188 Resp: 420952

Ion Ratio Lower Upper

188 100

94 12.6 10.6 15.8

80 13.2 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 3.696 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF137647.D

Acq: 19 Mar 2024 14:44

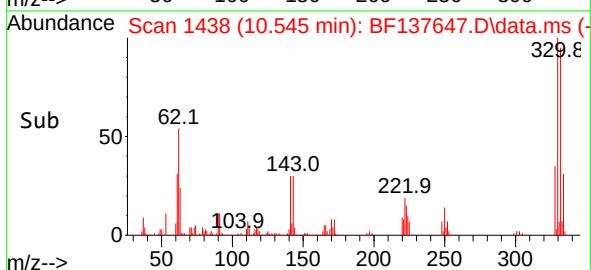
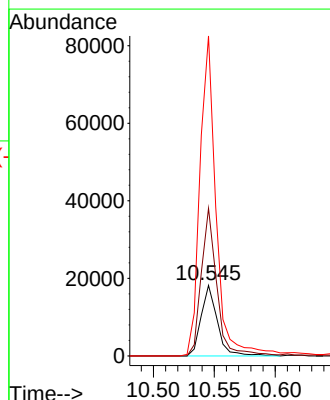
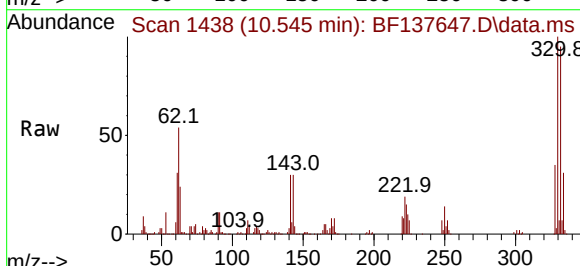
Tgt Ion:248 Resp: 16948

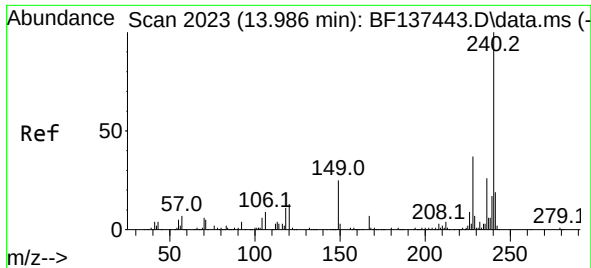
Ion Ratio Lower Upper

248 100

250 209.1 76.8 115.2#

141 453.1 53.4 80.0#

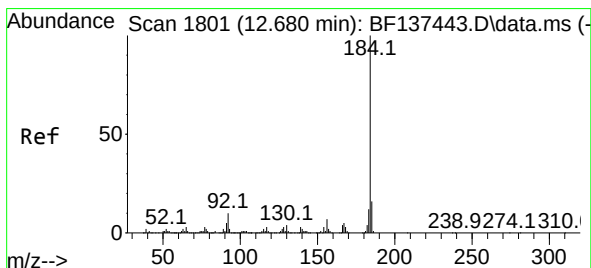
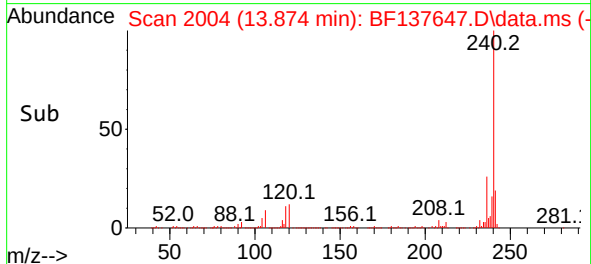
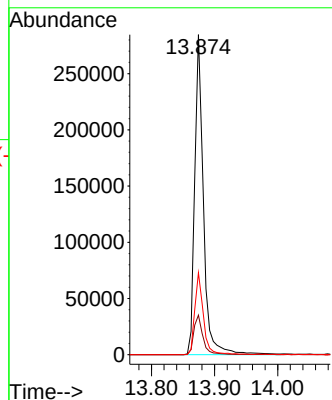
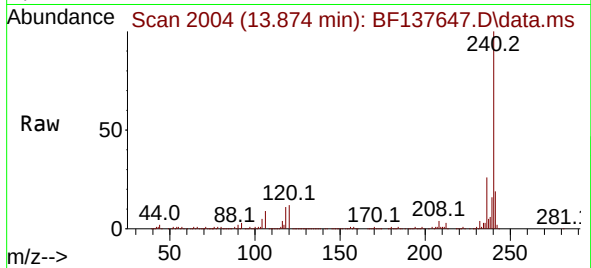




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

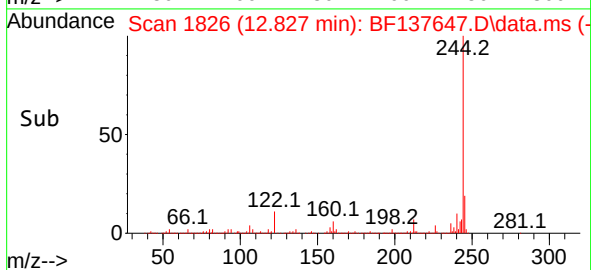
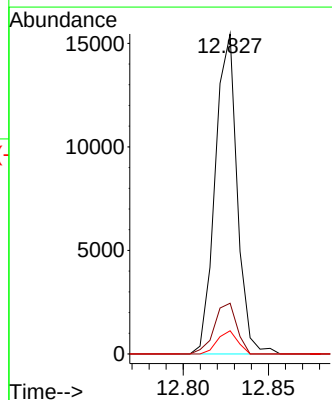
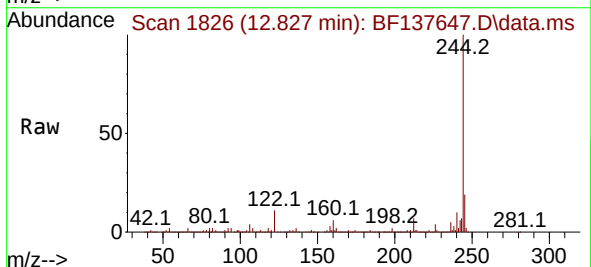
Instrument :
BNA_F
ClientSampleId :
146-BAY-AVENUE

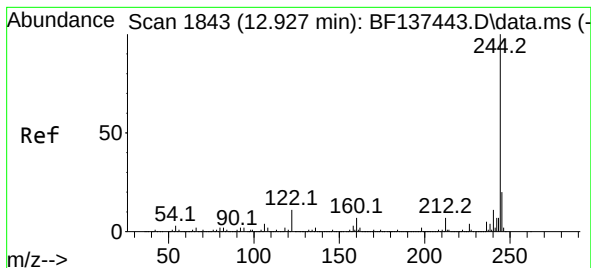
Tgt Ion:240 Resp: 275328
Ion Ratio Lower Upper
240 100
120 12.4 10.4 15.6
236 25.6 20.9 31.3



#77
Benzidine
Concen: 2.059 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF137647.D
Acq: 19 Mar 2024 14:44

Tgt Ion:184 Resp: 13875
Ion Ratio Lower Upper
184 100
185 15.8 13.2 19.8
183 7.2 9.3 13.9#





#79

Terphenyl-d14

Concen: 58.279 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF137647.D

Acq: 19 Mar 2024 14:44

Instrument :

BNA_F

ClientSampleId :

146-BAY-AVENUE

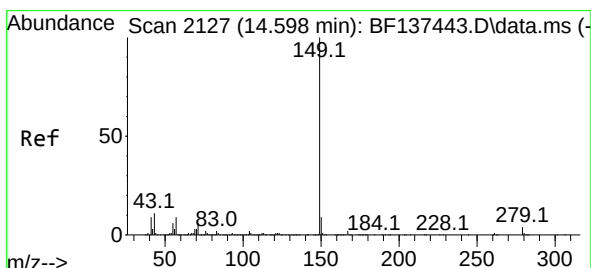
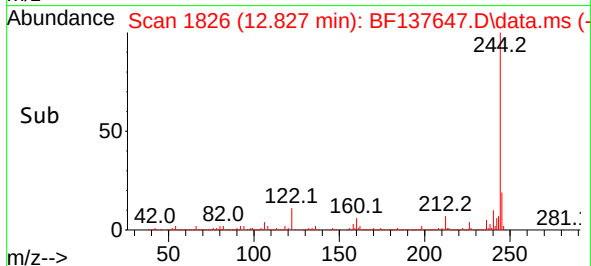
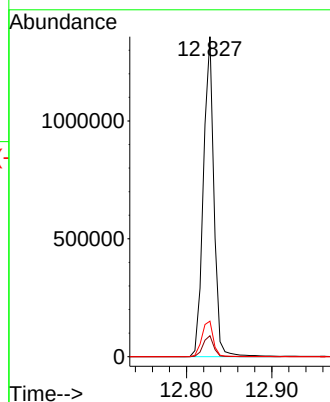
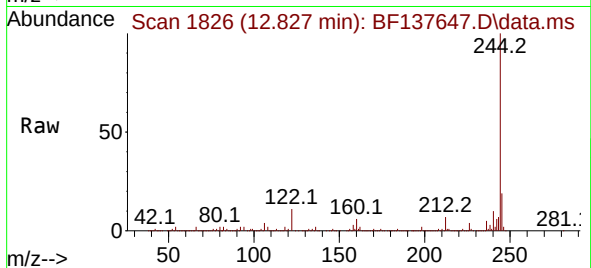
Tgt Ion:244 Resp: 1166890

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 11.1 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.623 ng

RT: 14.433 min Scan# 2099

Delta R.T. -0.041 min

Lab File: BF137647.D

Acq: 19 Mar 2024 14:44

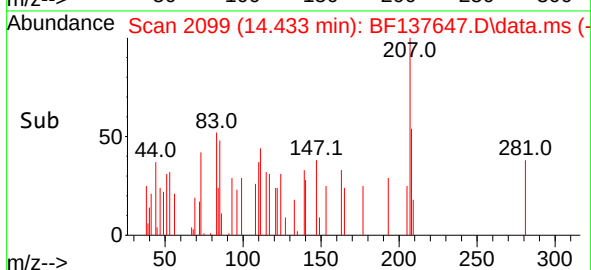
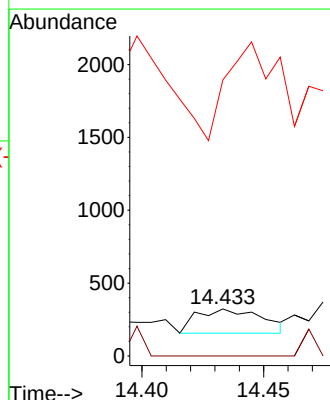
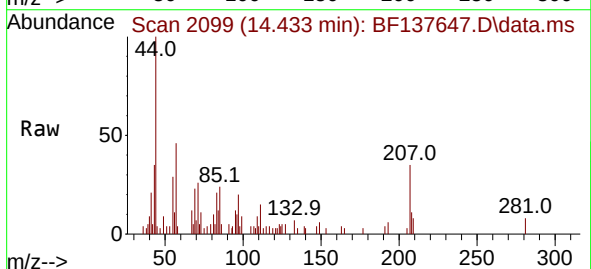
Tgt Ion:149 Resp: 309

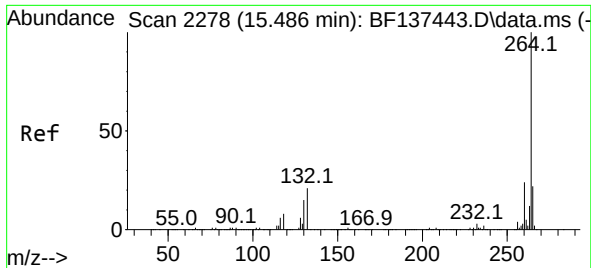
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

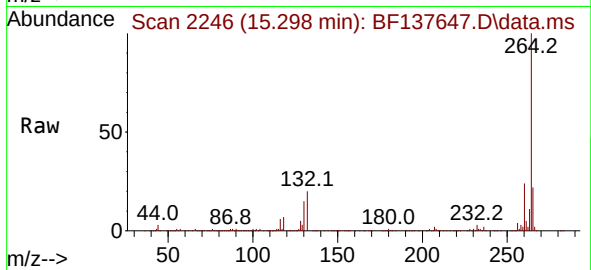
43 311.7 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137647.D
 Acq: 19 Mar 2024 14:44

Instrument :
 BNA_F
 ClientSampleId :
 146-BAY-AVENUE



Tgt Ion:264 Resp: 274382
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.8 17.4 26.0

