

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138744.D
 Acq On : 02 Aug 2024 13:30
 Operator : RC/JU
 Sample : P3402-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 355

Quant Time: Aug 02 14:00:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

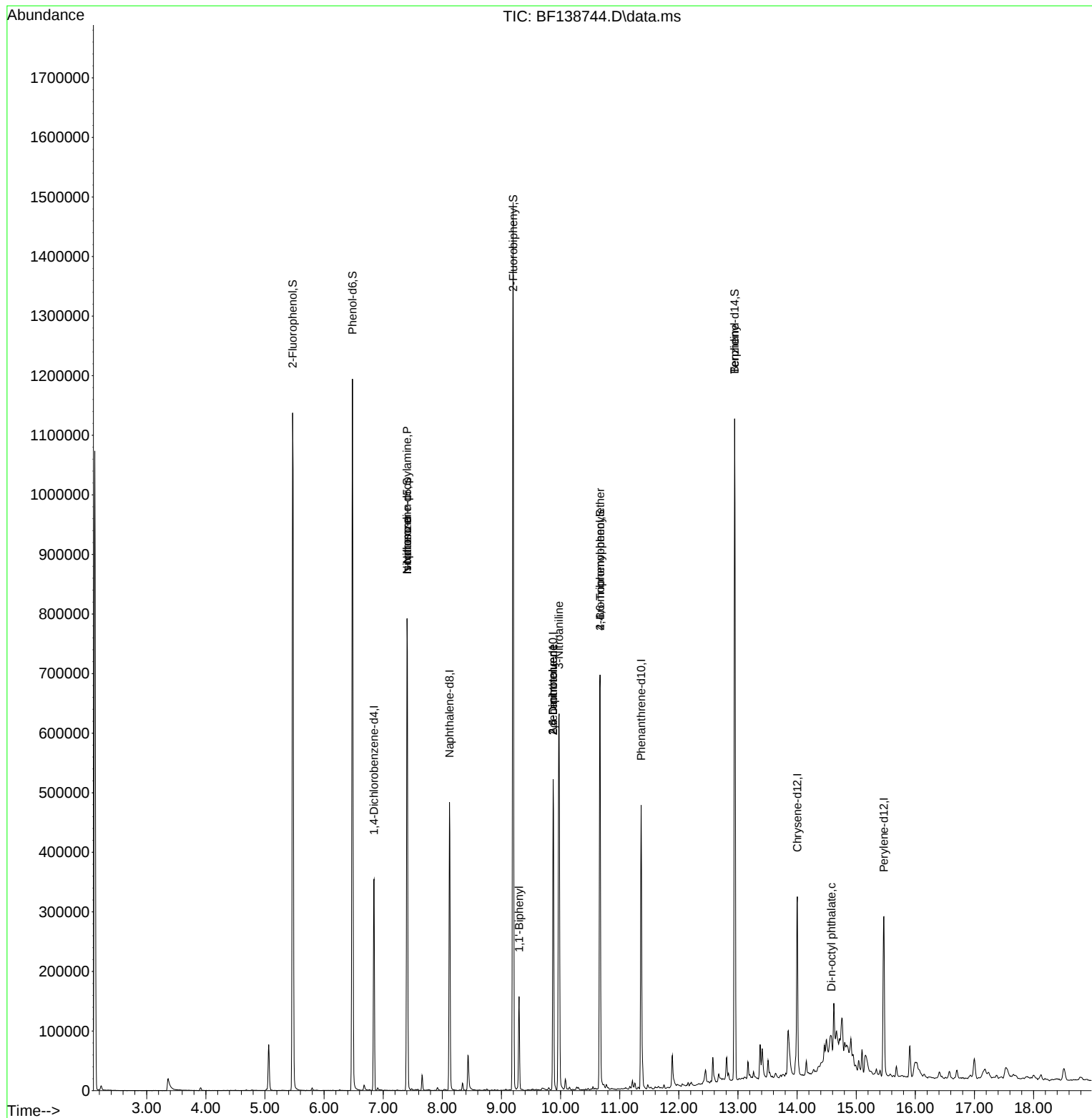
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	69856	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	286958	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	151099	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	236707	20.000	ng	0.00
76) Chrysene-d12	14.004	240	131622	20.000	ng	0.00
86) Perylene-d12	15.468	264	149875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	393738	87.007	ng	0.00
7) Phenol-d6	6.481	99	529989	87.230	ng	0.00
23) Nitrobenzene-d5	7.404	82	346566	59.047	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	105260	85.045	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	611406	60.797	ng	0.00
79) Terphenyl-d14	12.945	244	516111	65.651	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	46135	12.572	ng	# 76
25) Isophorone	7.404	82	344710	34.395	ng	# 66
46) 1,1'-Biphenyl	9.298	154	67336	5.690	ng	# 98
51) 2,6-Dinitrotoluene	9.875	165	19471	8.930	ng	# 20
53) 3-Nitroaniline	9.975	138	6025	2.673	ng	# 1
57) 2,4-Dinitrotoluene	9.875	165	19471	6.999	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	7721	3.013	ng	# 1
77) Benzidine	12.945	184	6732	2.138	ng	# 90
85) Di-n-octyl phthalate	14.580	149	23139	2.152	ng	# 55

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

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QLast Update : Tue Jul 30 17:50:01 2024
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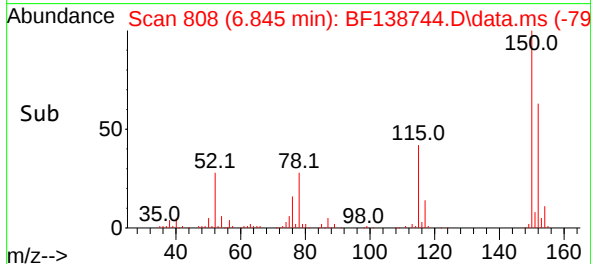
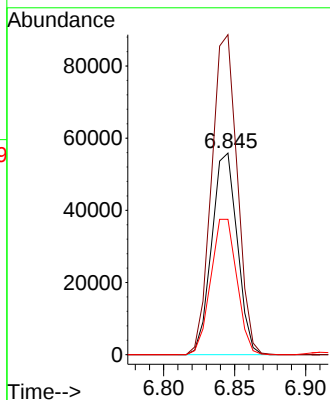
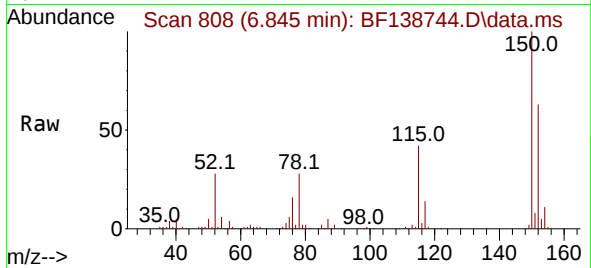




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

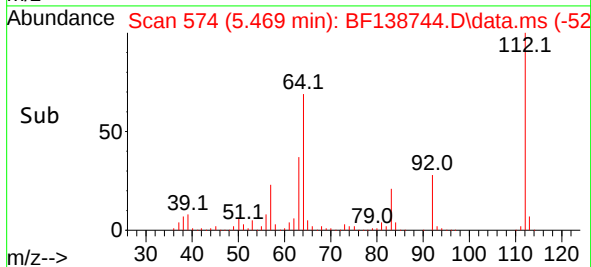
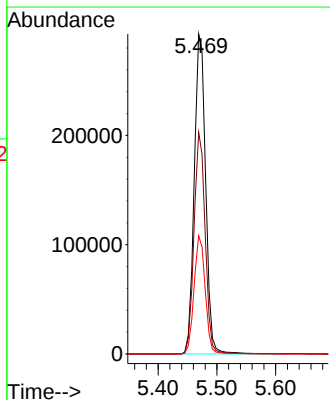
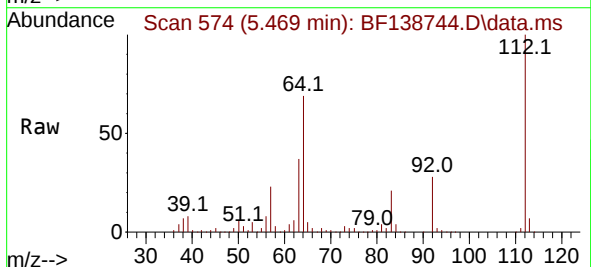
Instrument :
BNA_F
ClientSampleId :
355

Tgt Ion:152 Resp: 69856
Ion Ratio Lower Upper
152 100
150 158.7 126.0 189.0
115 67.1 51.7 77.5



#5
2-Fluorophenol
Concen: 87.007 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

Tgt Ion:112 Resp: 393738
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.4
63 37.0 28.7 43.1

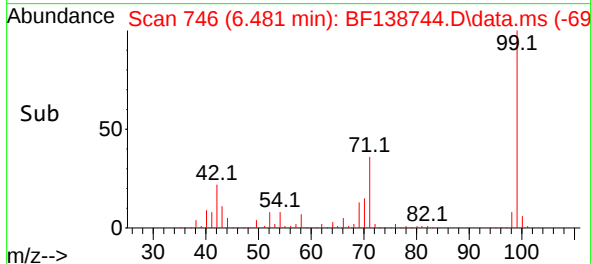
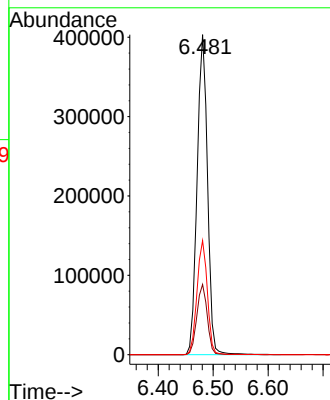
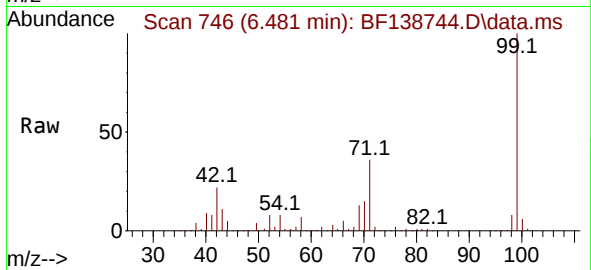




#7
Phenol-d6
Concen: 87.230 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

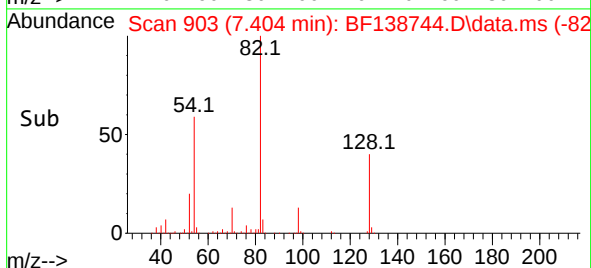
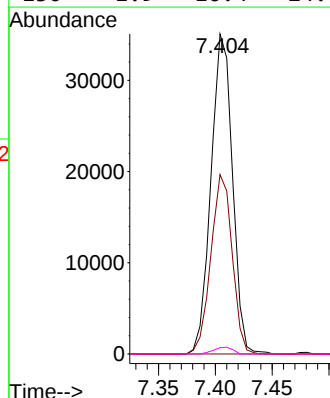
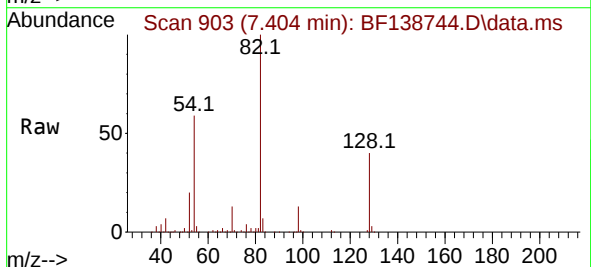
Instrument :
BNA_F
ClientSampleId :
355

Tgt Ion: 99 Resp: 529989
Ion Ratio Lower Upper
99 100
42 22.0 17.4 26.0
71 35.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.572 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

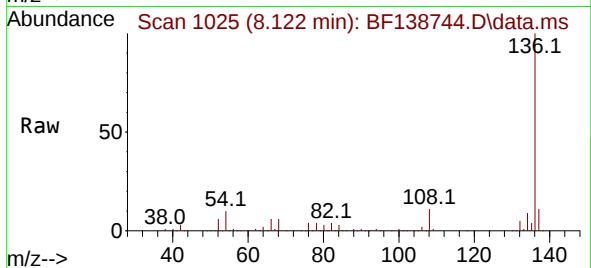
Tgt Ion: 70 Resp: 46135
Ion Ratio Lower Upper
70 100
42 56.0 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



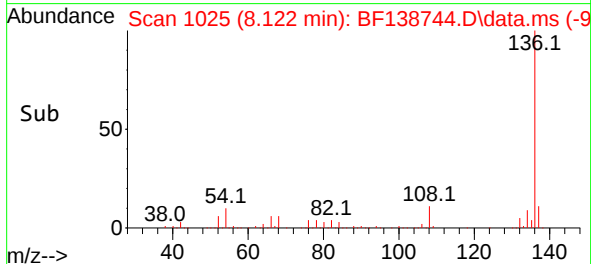
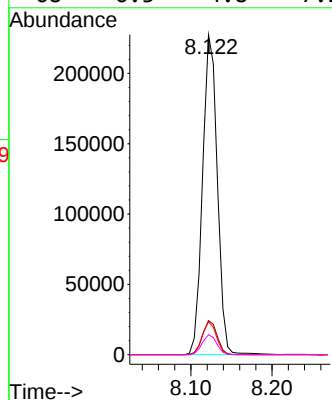


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

Instrument :
BNA_F
ClientSampleId :
355

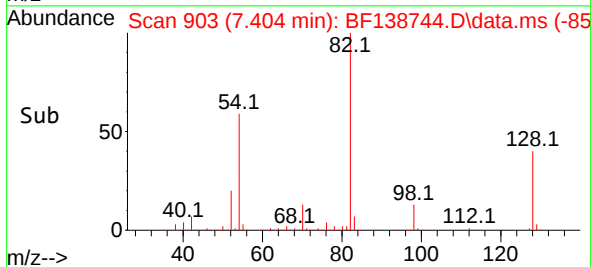
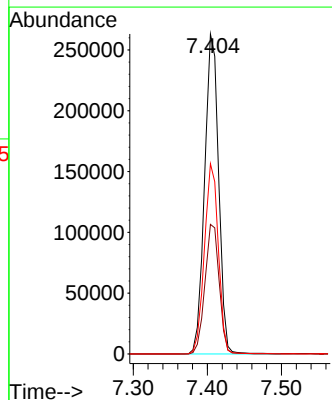
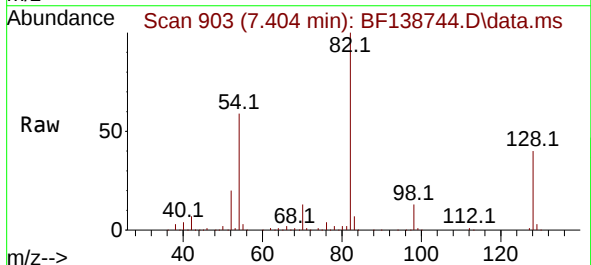


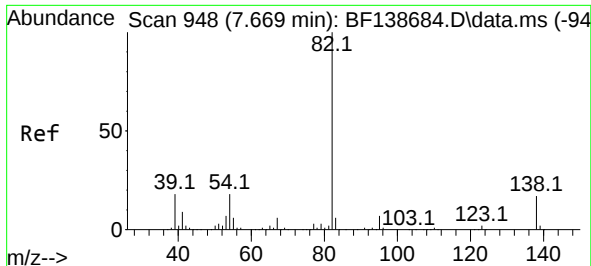
Tgt Ion:136 Resp: 286958
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.3 8.6 12.8
68 6.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 59.047 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

Tgt Ion: 82 Resp: 346566
Ion Ratio Lower Upper
82 100
128 40.5 32.8 49.2
54 59.5 48.3 72.5

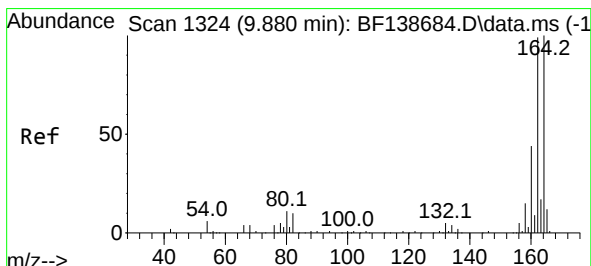
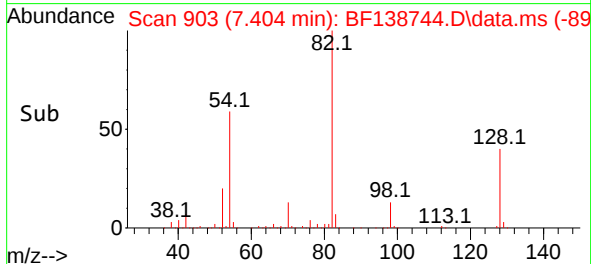
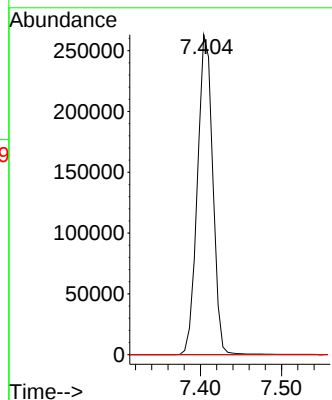
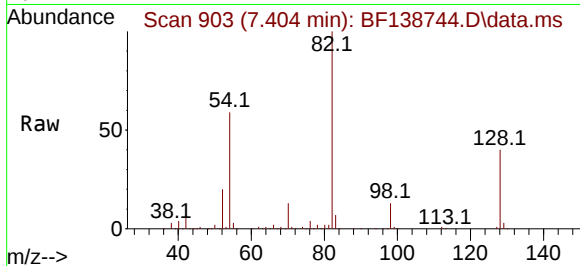




#25
Isophorone
Concen: 34.395 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

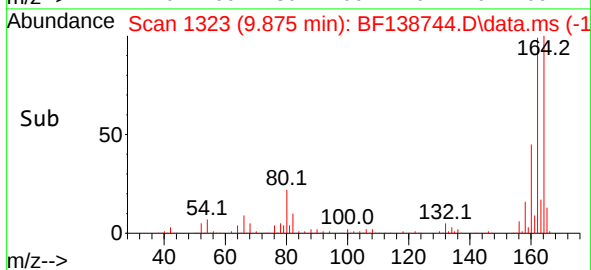
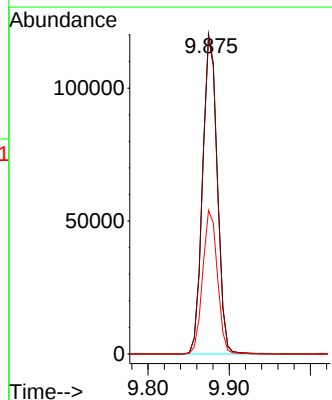
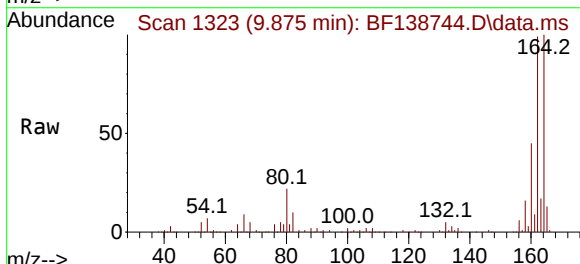
Instrument :
BNA_F
ClientSampleId :
355

Tgt Ion: 82 Resp: 344710
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

Tgt Ion:164 Resp: 151099
Ion Ratio Lower Upper
164 100
162 99.1 79.4 119.0
160 44.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 85.045 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138744.D

Acq: 02 Aug 2024 13:30

Instrument :

BNA_F

ClientSampleId :

355

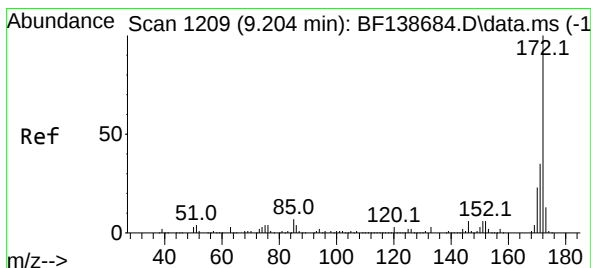
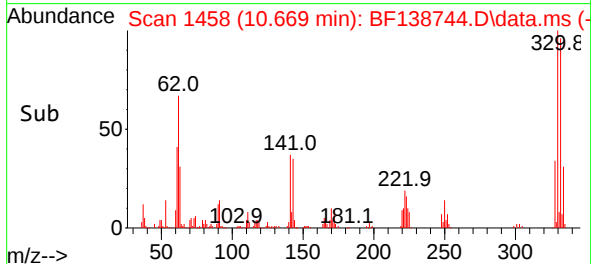
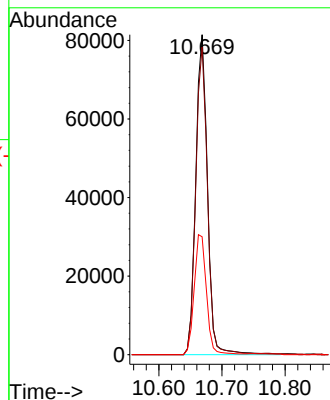
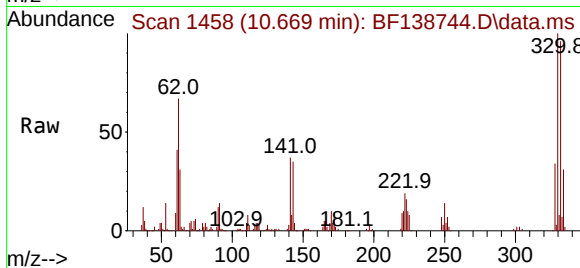
Tgt Ion:330 Resp: 105260

Ion Ratio Lower Upper

330 100

332 95.9 76.4 114.6

141 39.1 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 60.797 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138744.D

Acq: 02 Aug 2024 13:30

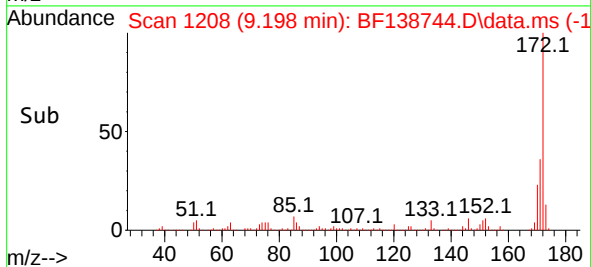
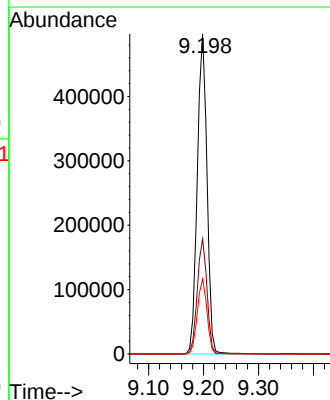
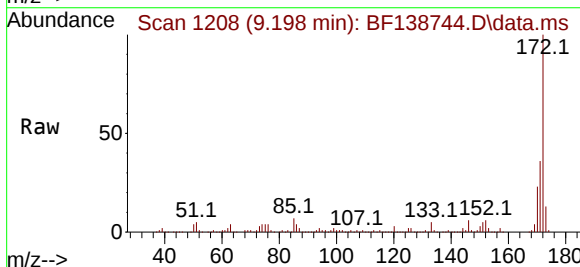
Tgt Ion:172 Resp: 611406

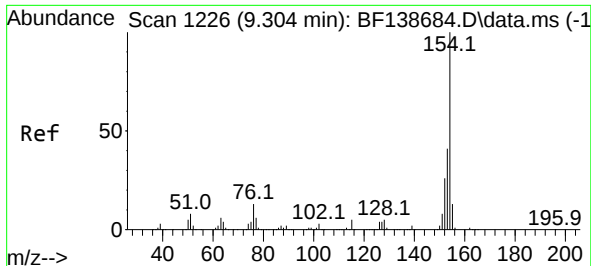
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.4 18.8 28.2

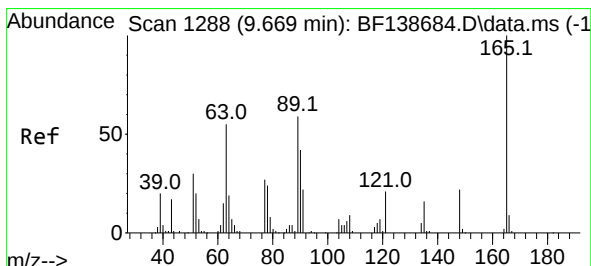
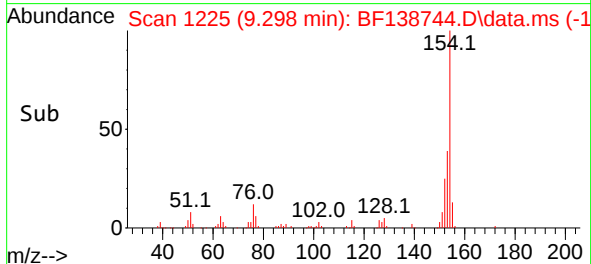
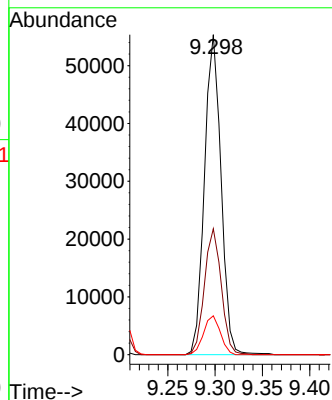
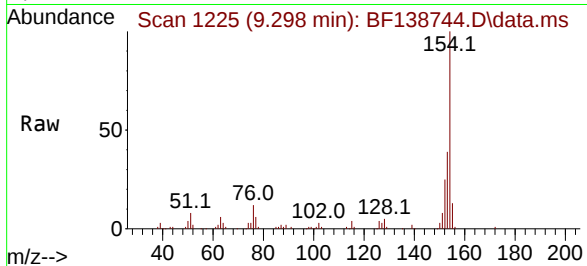




#46
1,1'-Biphenyl
Concen: 5.690 ng
RT: 9.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

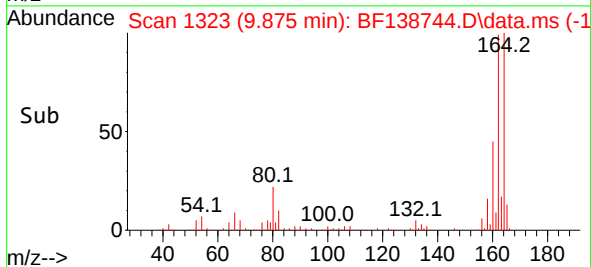
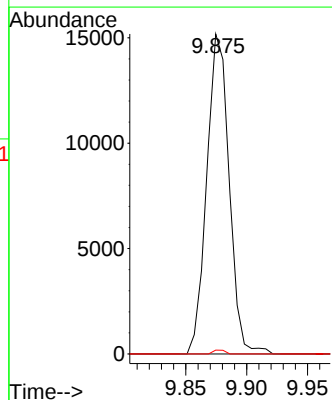
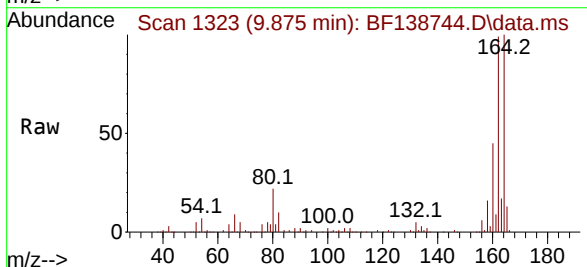
Instrument :
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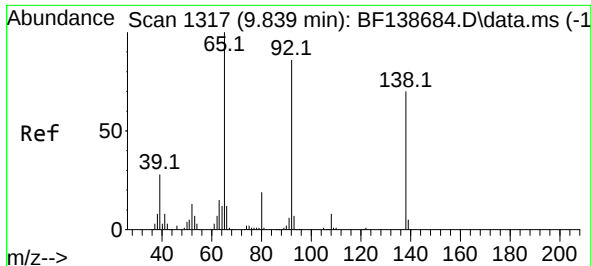
Tgt Ion:154 Resp: 67336
Ion Ratio Lower Upper
154 100
153 39.3 20.8 60.8
76 12.2 0.0 32.8



#51
2,6-Dinitrotoluene
Concen: 8.930 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

Tgt Ion:165 Resp: 19471
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.2 47.0 70.6#

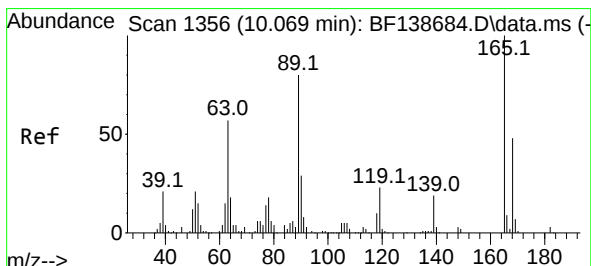
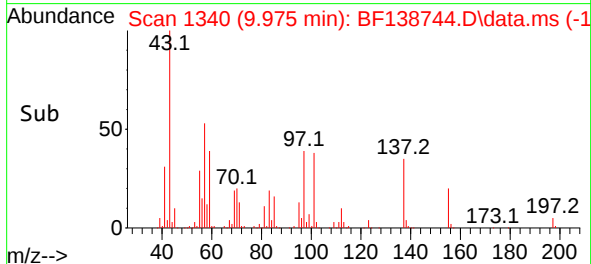
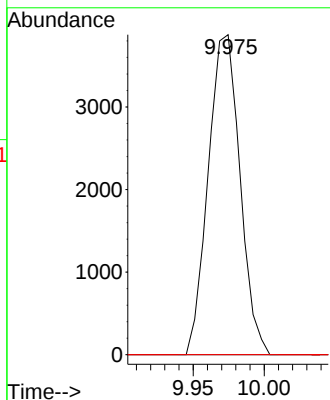
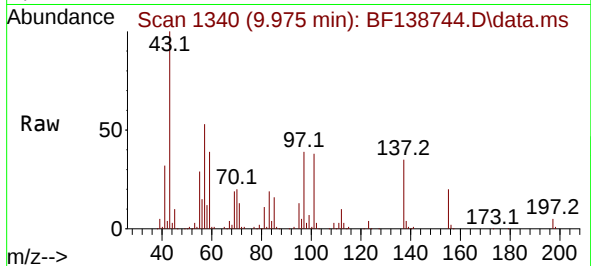




#53
3-Nitroaniline
Concen: 2.673 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

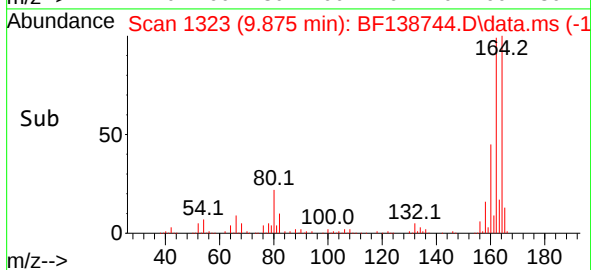
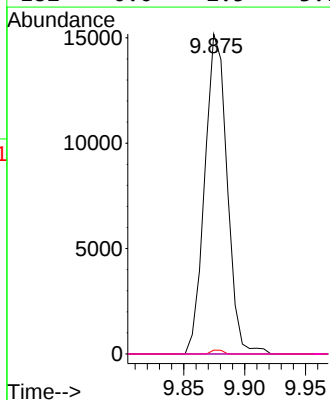
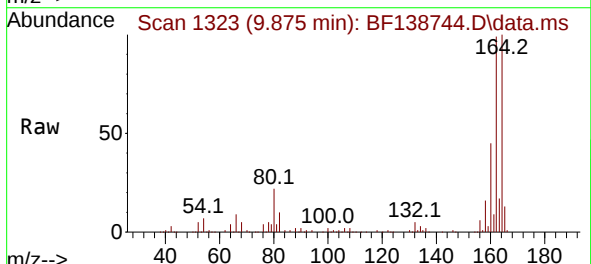
Instrument :
BNA_F
ClientSampleId :
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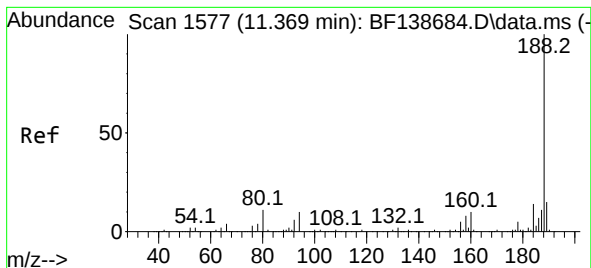
Tgt Ion:138 Resp: 6025
Ion Ratio Lower Upper
138 100
108 0.0 9.1 13.7#
92 0.0 98.7 148.1#



#57
2,4-Dinitrotoluene
Concen: 6.999 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138744.D
Acq: 02 Aug 2024 13:30

Tgt Ion:165 Resp: 19471
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.2 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138744.D

Acq: 02 Aug 2024 13:30

Instrument :

BNA_F

ClientSampleId :

355

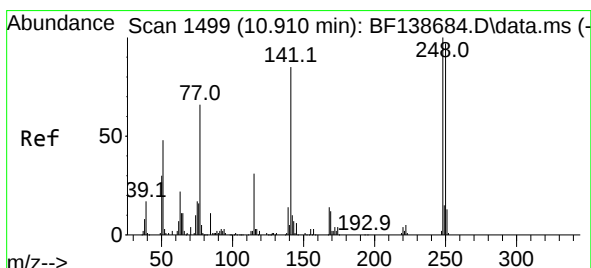
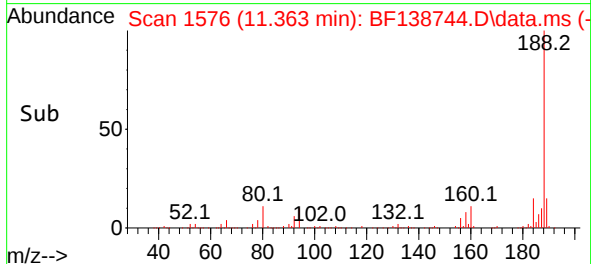
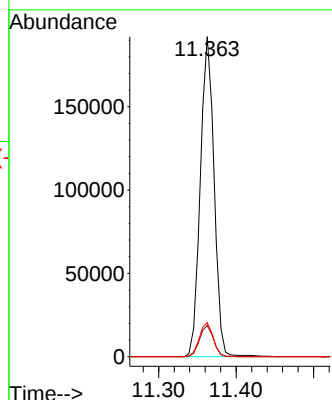
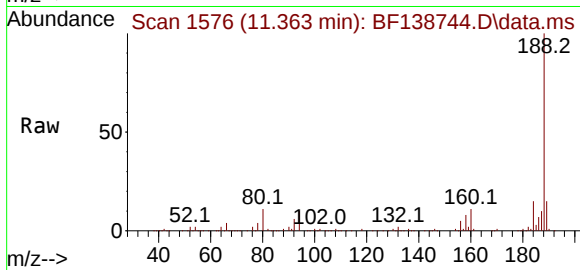
Tgt Ion:188 Resp: 236707

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.6 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.013 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138744.D

Acq: 02 Aug 2024 13:30

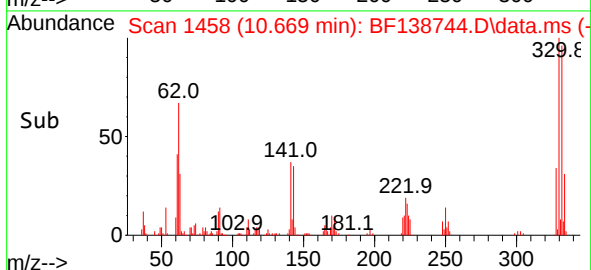
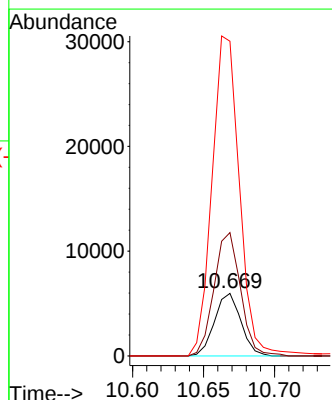
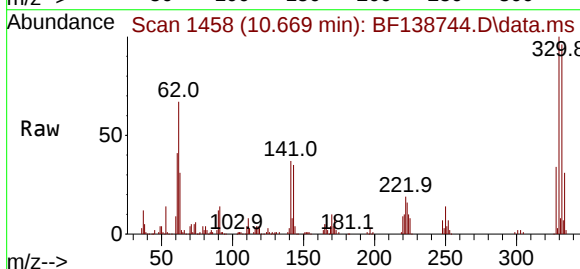
Tgt Ion:248 Resp: 7721

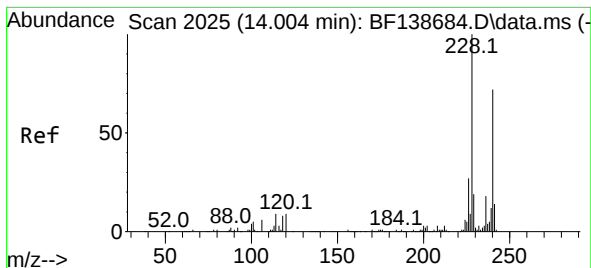
Ion Ratio Lower Upper

248 100

250 197.3 77.7 116.5#

141 502.9 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138744.D

Acq: 02 Aug 2024 13:30

Instrument :

BNA_F

ClientSampleId :

355

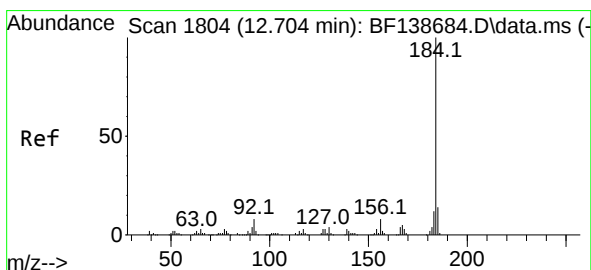
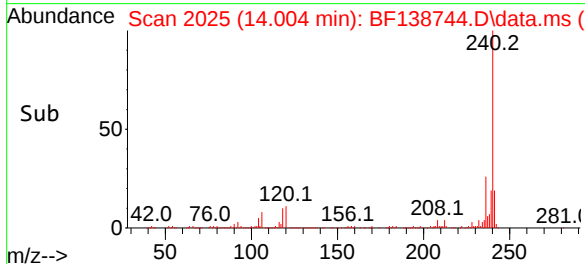
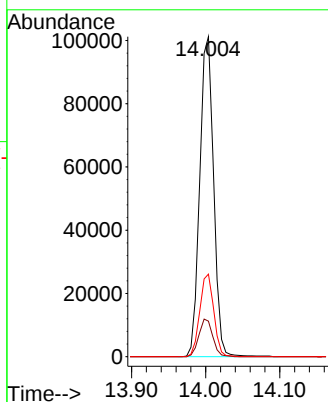
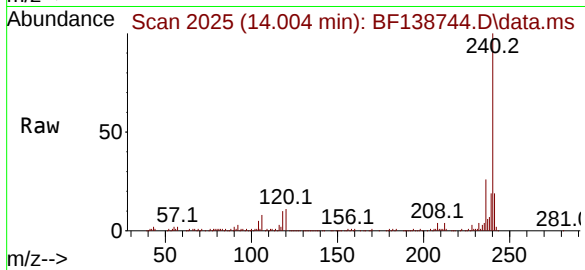
Tgt Ion:240 Resp: 131622

Ion Ratio Lower Upper

240 100

120 11.1 10.2 15.4

236 25.8 19.8 29.8



#77

Benzidine

Concen: 2.138 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.241 min

Lab File: BF138744.D

Acq: 02 Aug 2024 13:30

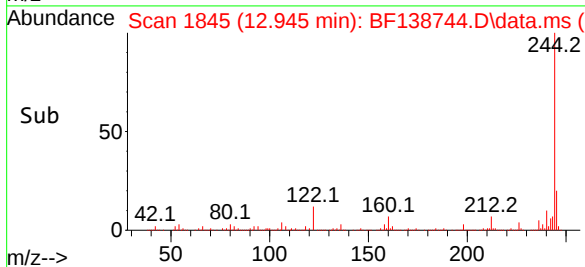
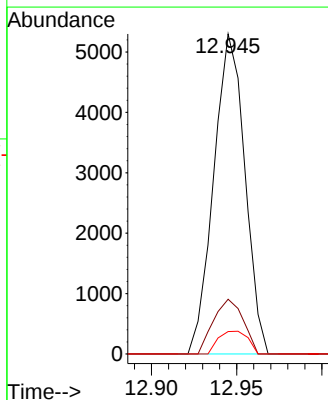
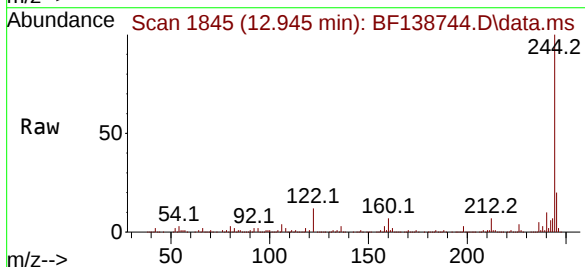
Tgt Ion:184 Resp: 6732

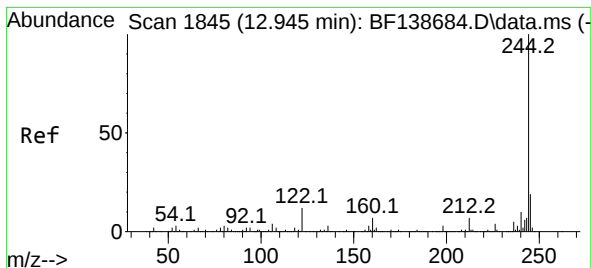
Ion Ratio Lower Upper

184 100

185 17.1 11.1 16.7#

183 7.0 9.6 14.4#





#79

Terphenyl-d14

Concen: 65.651 ng

RT: 12.945 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138744.D

Acq: 02 Aug 2024 13:30

Instrument :

BNA_F

ClientSampleId :

355

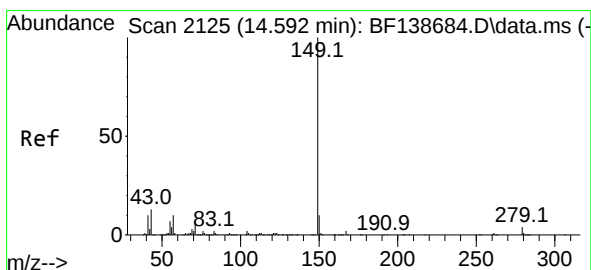
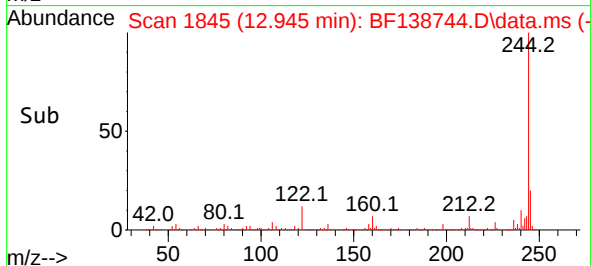
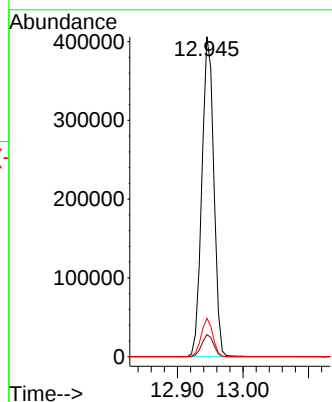
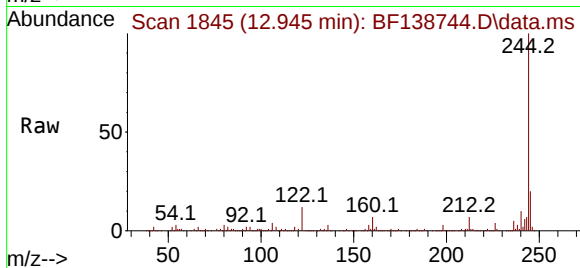
Tgt Ion:244 Resp: 516111

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 12.0 9.6 14.4



#85

Di-n-octyl phthalate

Concen: 2.152 ng

RT: 14.580 min Scan# 2123

Delta R.T. -0.012 min

Lab File: BF138744.D

Acq: 02 Aug 2024 13:30

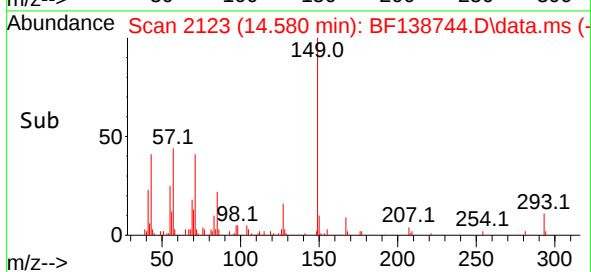
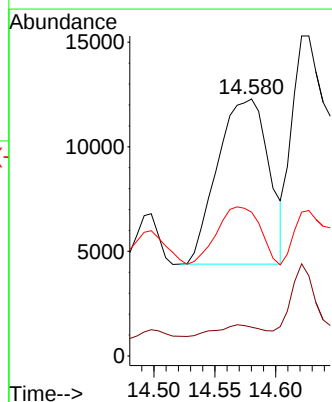
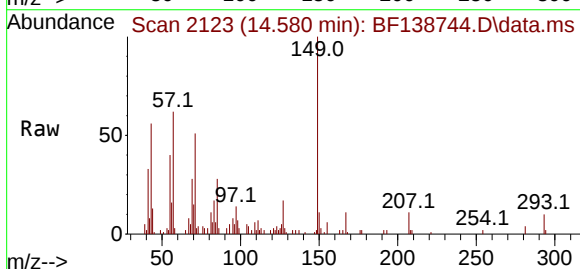
Tgt Ion:149 Resp: 23139

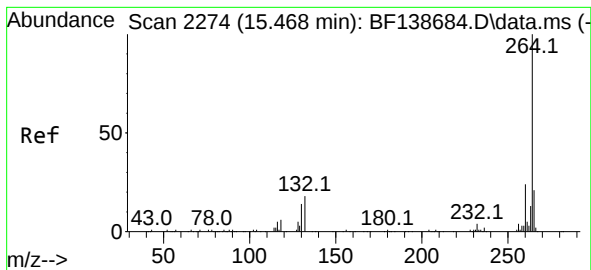
Ion Ratio Lower Upper

149 100

167 6.1 1.4 2.0#

43 32.8 10.4 15.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF138744.D
 Acq: 02 Aug 2024 13:30

Instrument :
 BNA_F
 ClientSampleId :
 355

Tgt Ion:264 Resp: 149875
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 20.8 17.0 25.6

