

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138623.D
 Acq On : 23 Jul 2024 17:33
 Operator : RC/JU
 Sample : P3248-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 18:13:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

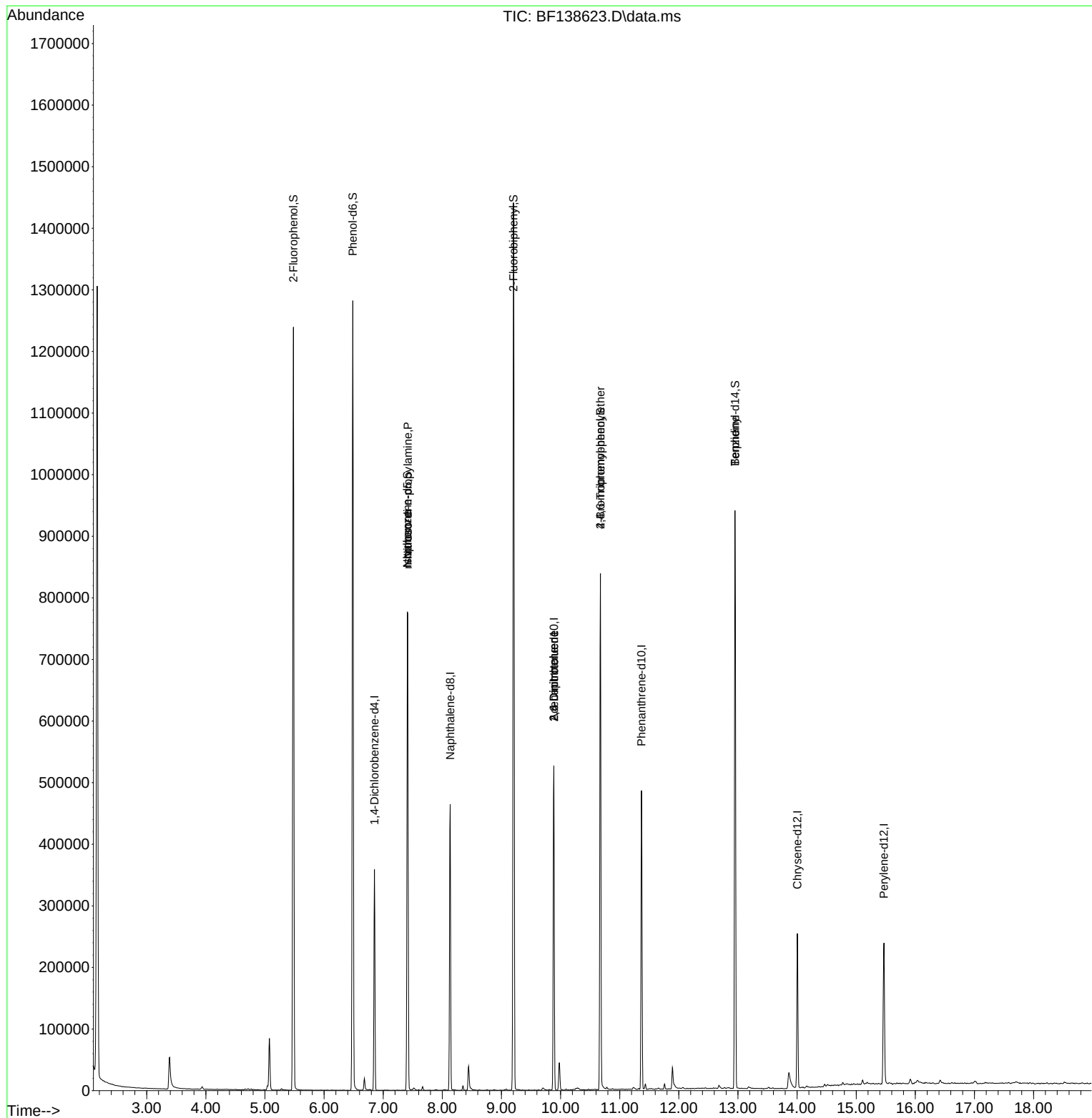
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	67816	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	276439	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	150631	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	240052	20.000	ng	-0.02
76) Chrysene-d12	14.004	240	113229	20.000	ng	-0.02
86) Perylene-d12	15.468	264	127868	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	408001	95.283	ng	-0.01
7) Phenol-d6	6.487	99	559904	98.293	ng	-0.02
23) Nitrobenzene-d5	7.410	82	350359	62.226	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	125994	89.497	ng	-0.02
45) 2-Fluorobiphenyl	9.204	172	610804	63.375	ng	-0.02
79) Terphenyl-d14	12.951	244	424187	61.031	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	47358	13.455	ng	# 70
25) Isophorone	7.410	82	348234	36.015	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	18603	8.295	ng	# 25
57) 2,4-Dinitrotoluene	9.886	165	18603	6.411	ng	# 19
67) 4-Bromophenyl-phenylether	10.674	248	8571	3.474	ng	# 1
77) Benzidine	12.951	184	5924	2.074	ng	# 91

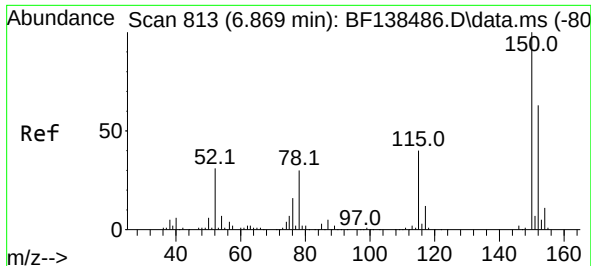
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138623.D
Acq On : 23 Jul 2024 17:33
Operator : RC/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

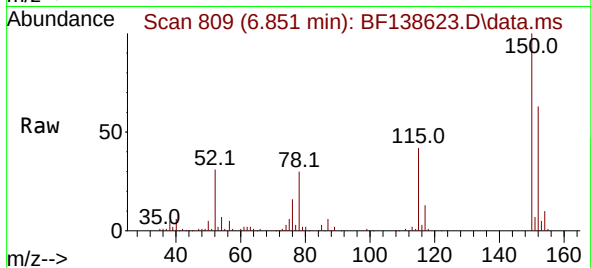
Quant Time: Jul 23 18:13:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration



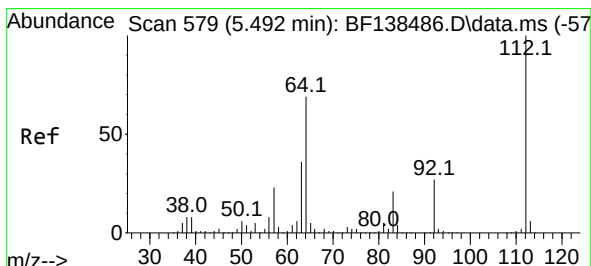
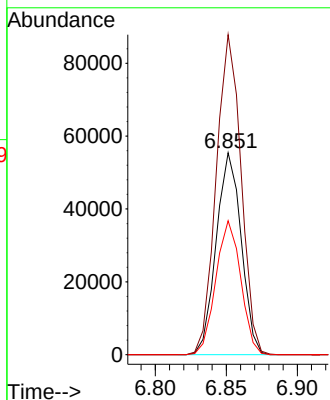
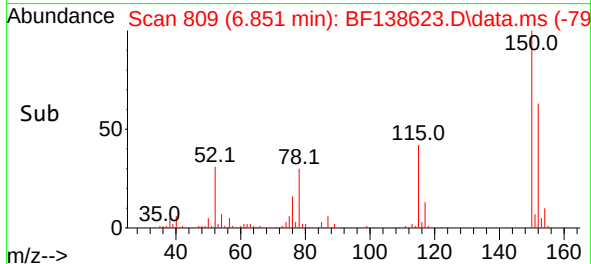


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

Instrument :
BNA_F
ClientSampleId :

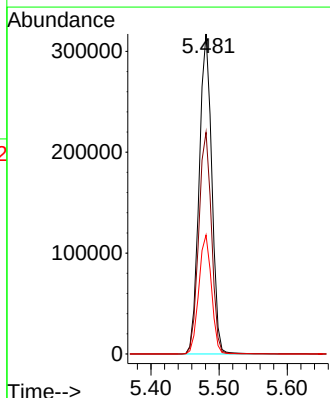
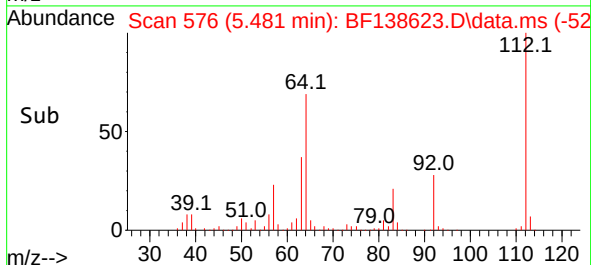
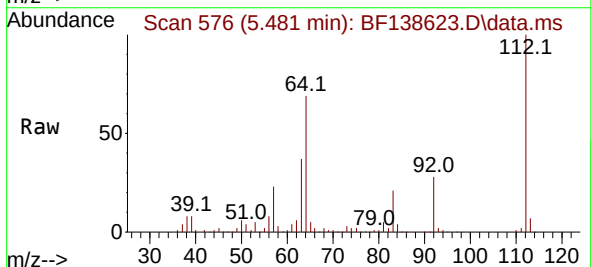


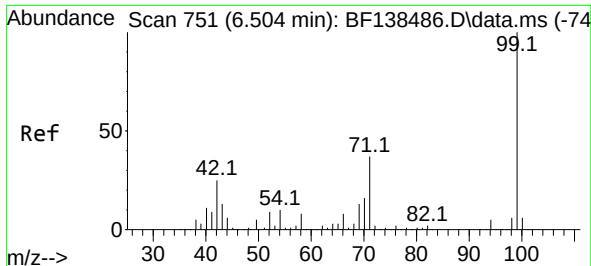
Tgt Ion:152 Resp: 67816
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.4
115 66.3 50.3 75.5



#5
2-Fluorophenol
Concen: 95.283 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

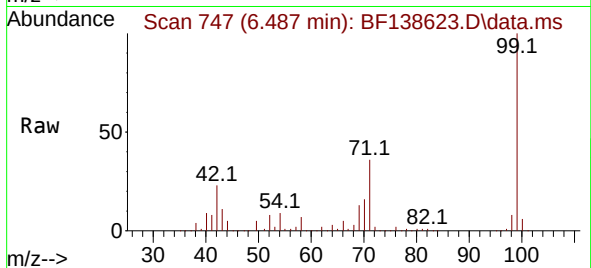
Tgt Ion:112 Resp: 408001
Ion Ratio Lower Upper
112 100
64 69.3 55.1 82.7
63 37.2 29.0 43.6



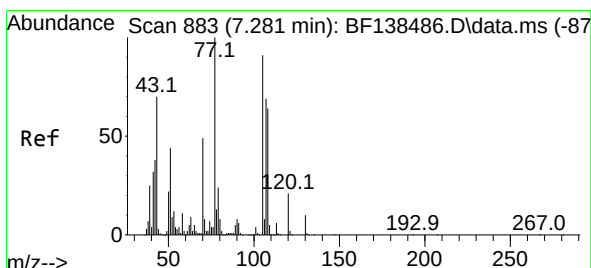
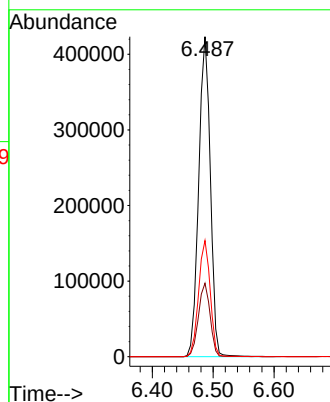
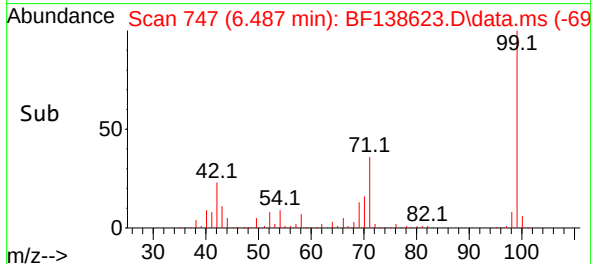


#7
Phenol-d6
Concen: 98.293 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

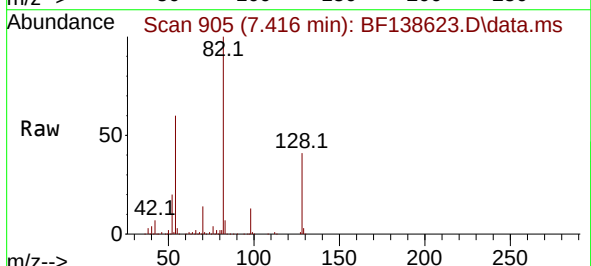
Instrument :
BNA_F
ClientSampleId :



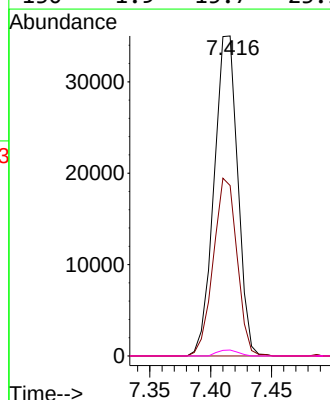
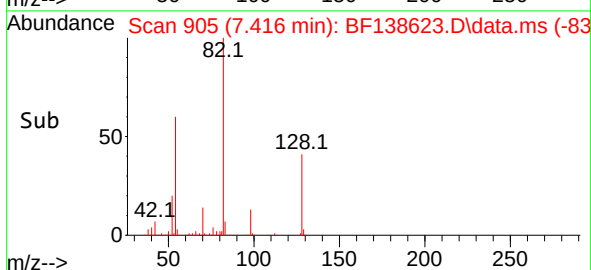
Tgt Ion: 99 Resp: 559904
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.3 29.9 44.9

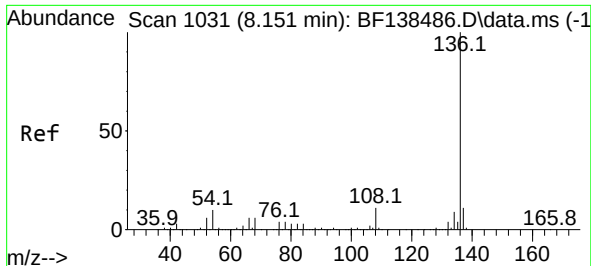


#19
n-Nitroso-di-n-propylamine
Concen: 13.455 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33



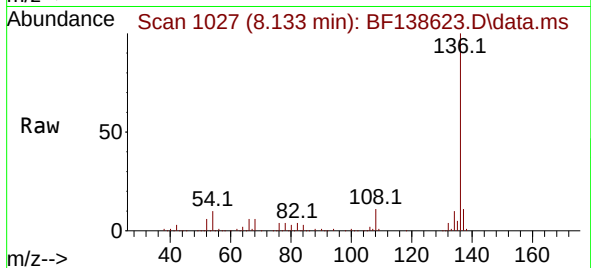
Tgt Ion: 70 Resp: 47358
Ion Ratio Lower Upper
70 100
42 53.3 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#



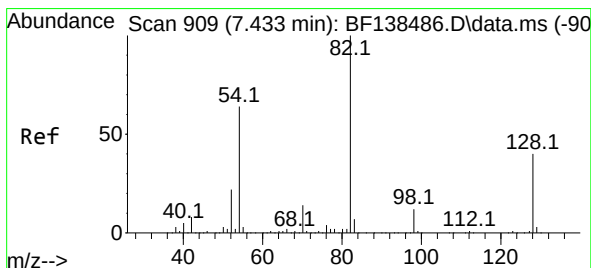
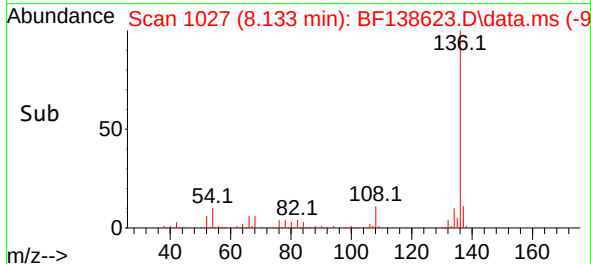
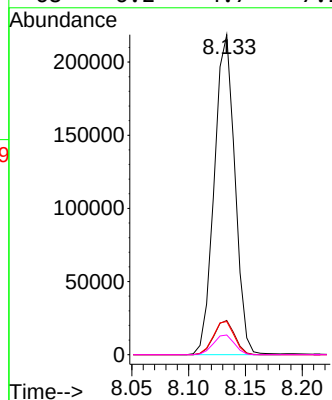


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

Instrument :
BNA_F
ClientSampleId :

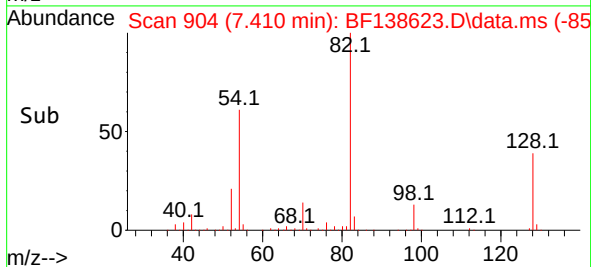
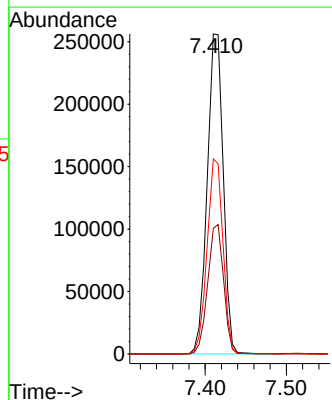
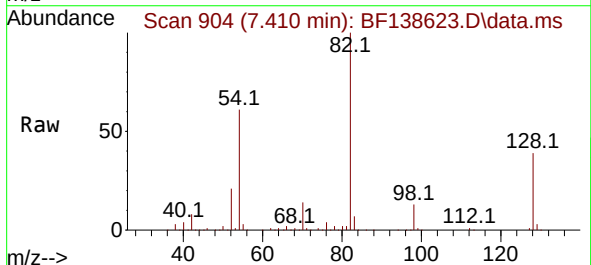


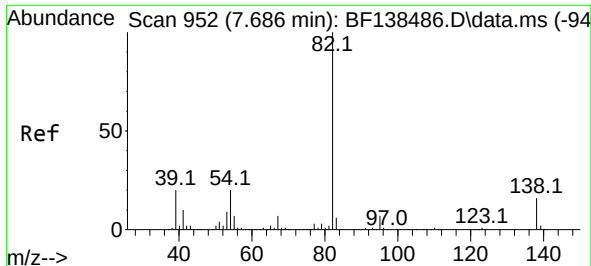
Tgt Ion:136 Resp: 276439
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.4 8.1 12.1
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 62.226 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.023 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

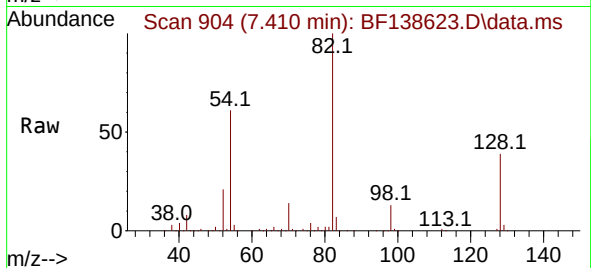
Tgt Ion: 82 Resp: 350359
Ion Ratio Lower Upper
82 100
128 39.3 32.3 48.5
54 61.0 51.4 77.0



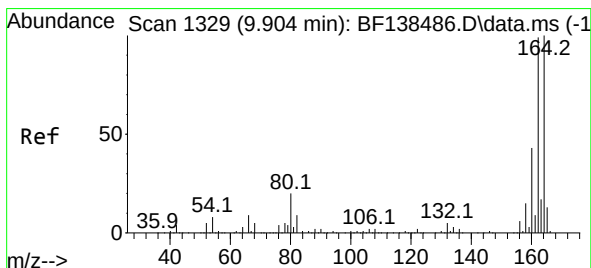
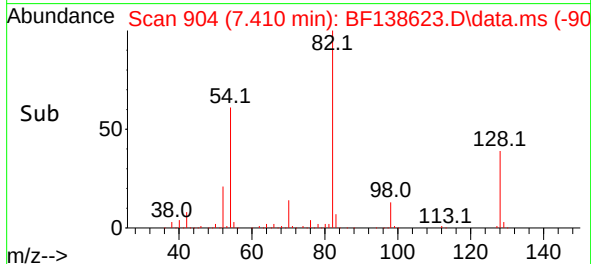
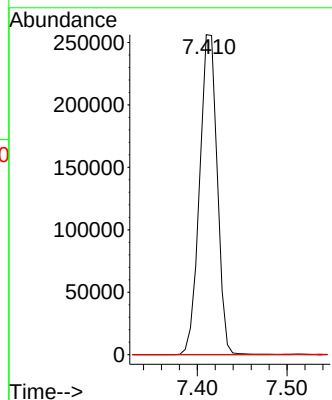


#25
Isophorone
Concen: 36.015 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.276 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

Instrument :
BNA_F
ClientSampleId :

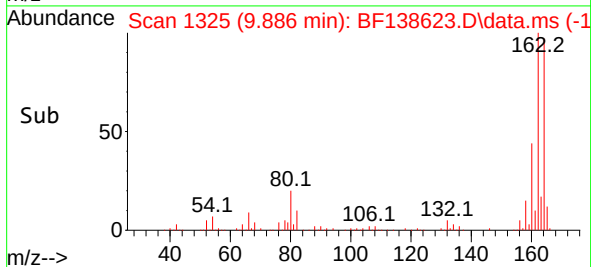
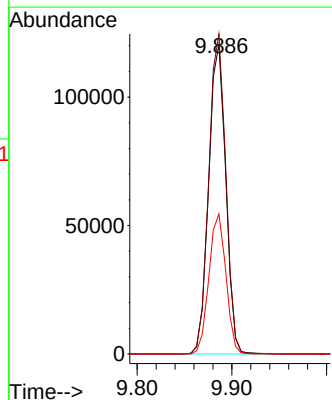
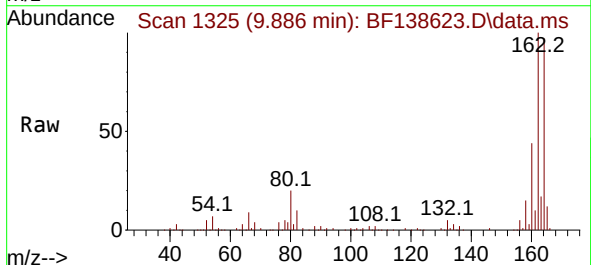


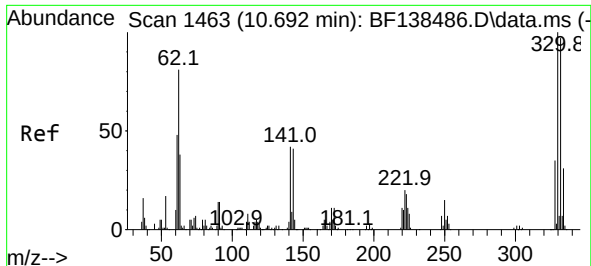
Tgt Ion: 82 Resp: 348234
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

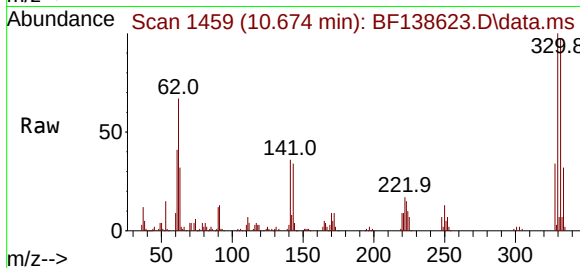
Tgt Ion: 164 Resp: 150631
Ion Ratio Lower Upper
164 100
162 103.4 79.0 118.6
160 45.2 34.4 51.6



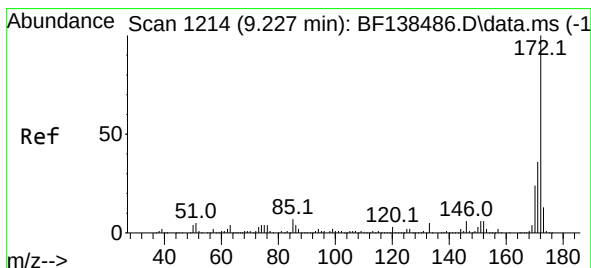
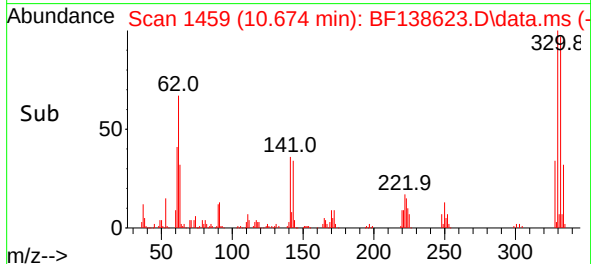
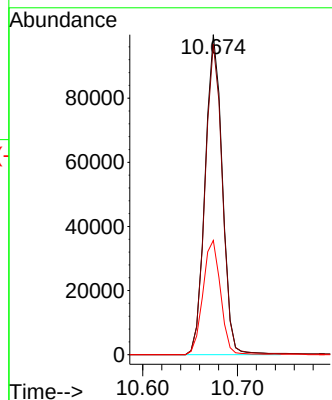


#42
2,4,6-Tribromophenol
Concen: 89.497 ng
RT: 10.674 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

Instrument :
BNA_F
ClientSampleId :

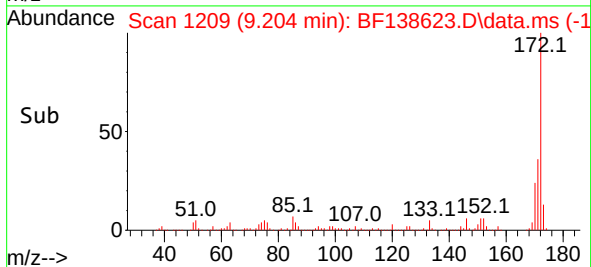
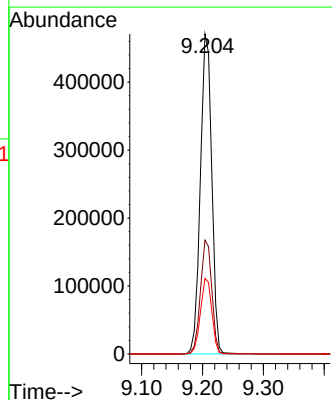
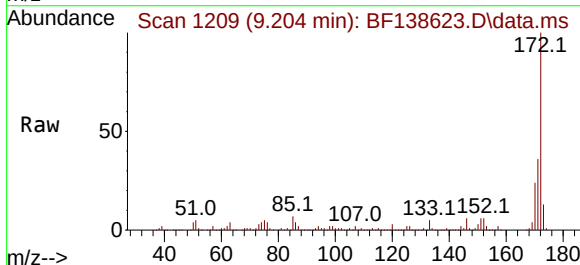


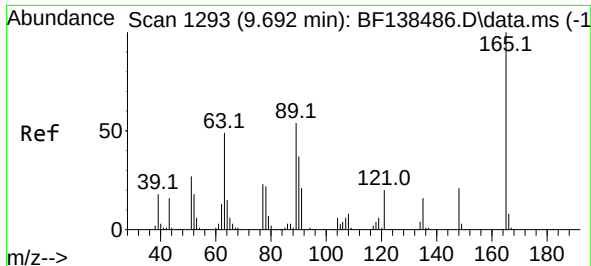
Tgt Ion:330 Resp: 125994
Ion Ratio Lower Upper
330 100
332 98.2 76.8 115.2
141 36.4 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 63.375 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.023 min
Lab File: BF138623.D
Acq: 23 Jul 2024 17:33

Tgt Ion:172 Resp: 610804
Ion Ratio Lower Upper
172 100
171 35.6 28.9 43.3
170 23.6 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.295 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF138623.D

Acq: 23 Jul 2024 17:33

Instrument :

BNA_F

ClientSampleId :

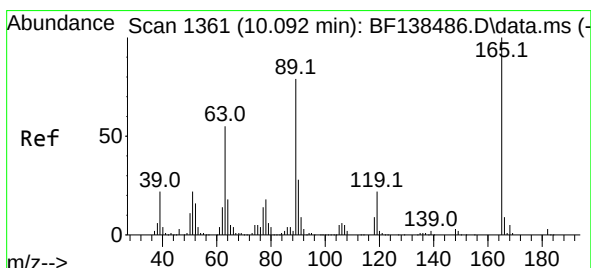
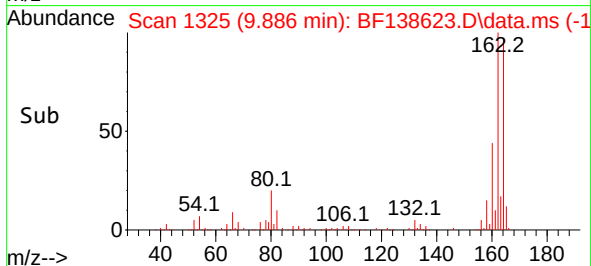
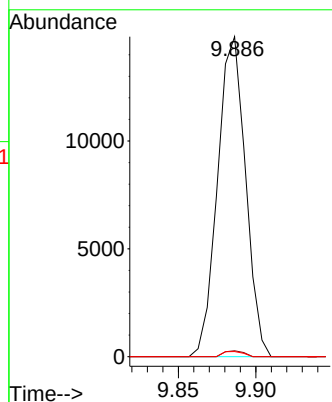
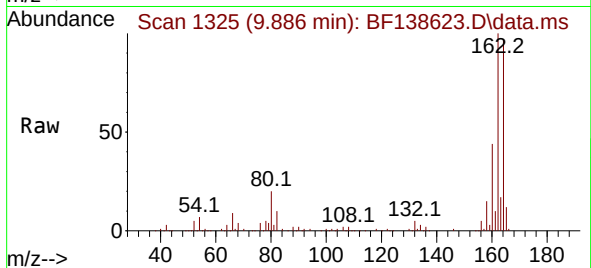
Tgt Ion:165 Resp: 18603

Ion Ratio Lower Upper

165 100

63 1.8 48.1 72.1#

89 1.6 43.0 64.6#



#57

2,4-Dinitrotoluene

Concen: 6.411 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF138623.D

Acq: 23 Jul 2024 17:33

Tgt Ion:165 Resp: 18603

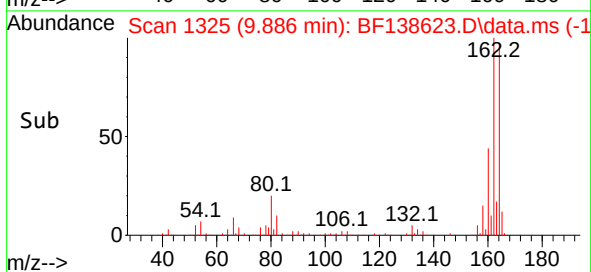
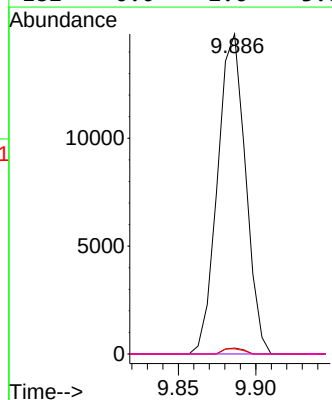
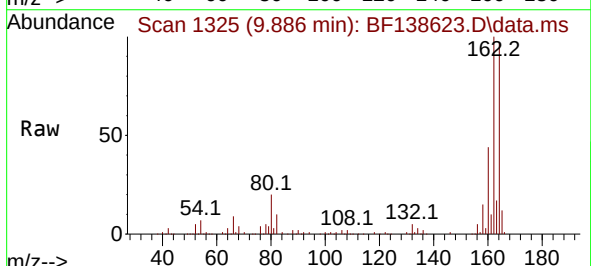
Ion Ratio Lower Upper

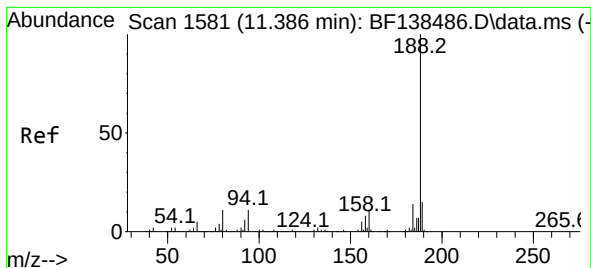
165 100

63 1.8 44.6 66.8#

89 1.6 63.4 95.2#

182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138623.D

Acq: 23 Jul 2024 17:33

Instrument :

BNA_F

ClientSampleId :

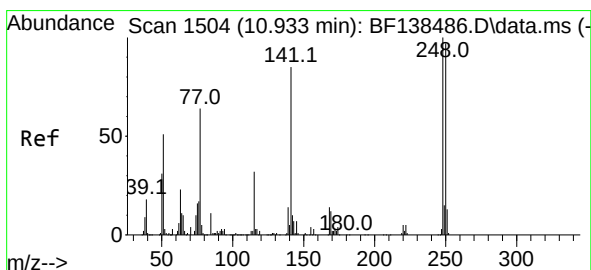
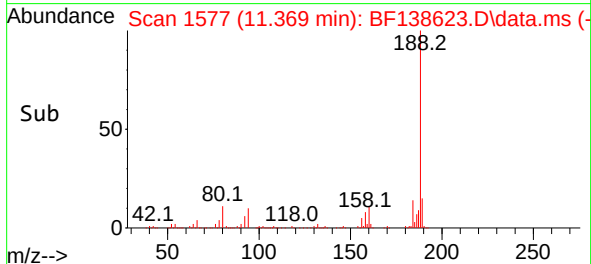
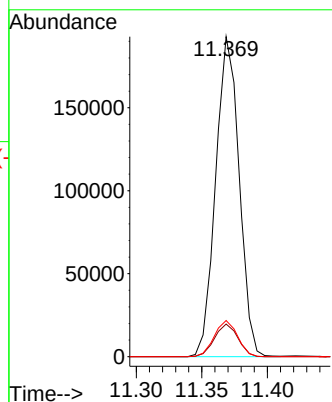
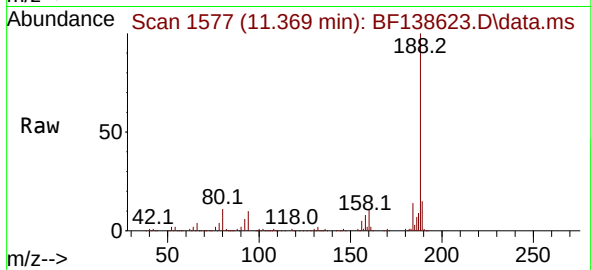
Tgt Ion:188 Resp: 240052

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 11.3 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.474 ng

RT: 10.674 min Scan# 1459

Delta R.T. -0.259 min

Lab File: BF138623.D

Acq: 23 Jul 2024 17:33

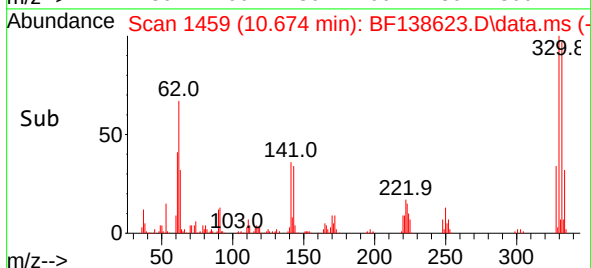
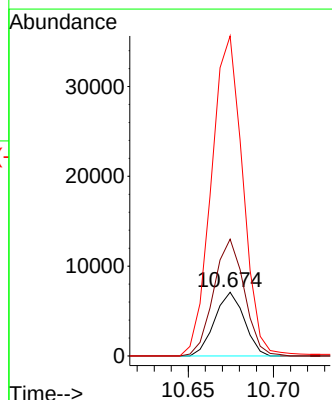
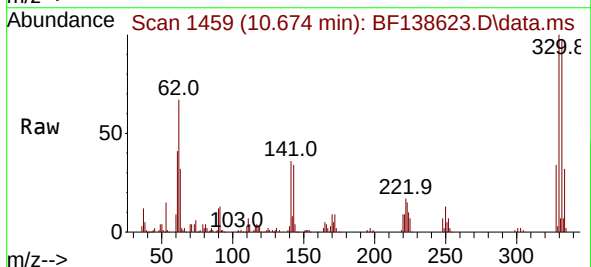
Tgt Ion:248 Resp: 8571

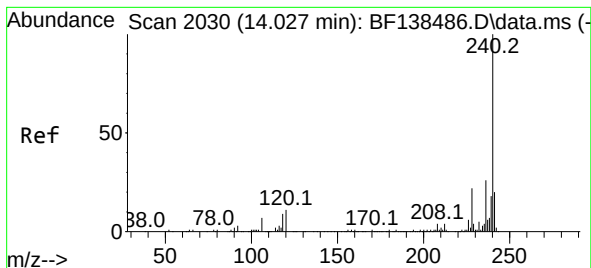
Ion Ratio Lower Upper

248 100

250 183.2 77.9 116.9#

141 502.1 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2030

Delta R.T. -0.023 min

Lab File: BF138623.D

Acq: 23 Jul 2024 17:33

Instrument :

BNA_F

ClientSampleId :

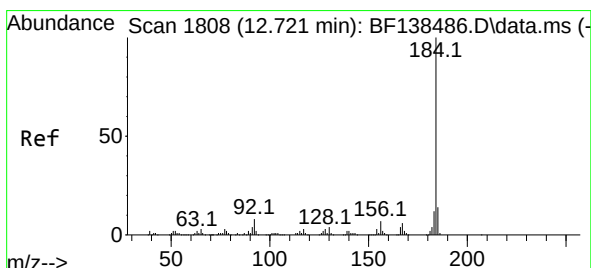
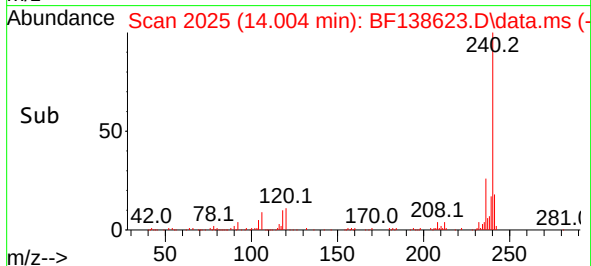
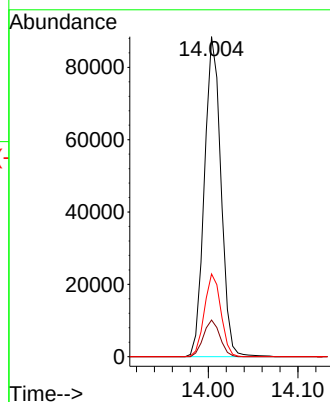
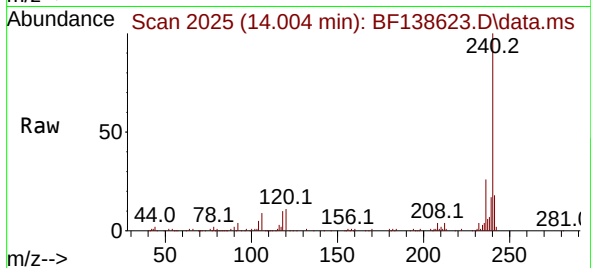
Tgt Ion:240 Resp: 113229

Ion Ratio Lower Upper

240 100

120 11.5 8.6 12.8

236 25.9 21.0 31.6



#77

Benzidine

Concen: 2.074 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.230 min

Lab File: BF138623.D

Acq: 23 Jul 2024 17:33

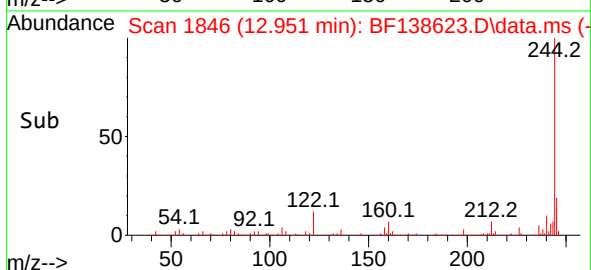
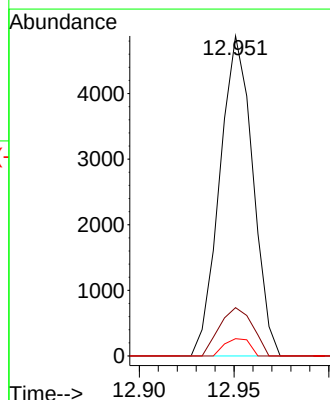
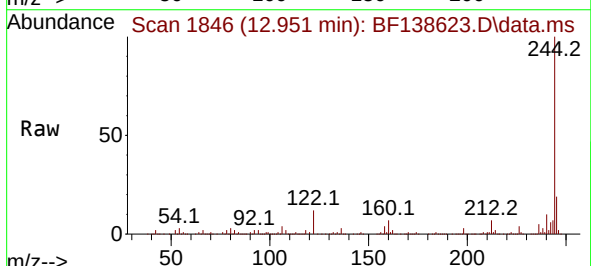
Tgt Ion:184 Resp: 5924

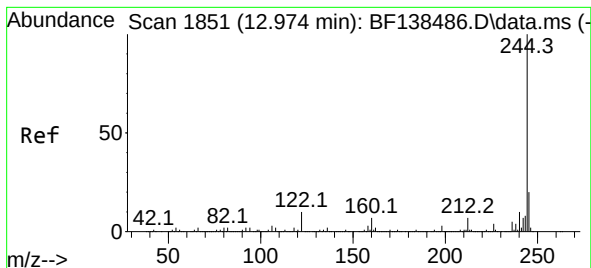
Ion Ratio Lower Upper

184 100

185 15.1 11.3 16.9

183 5.4 9.5 14.3#





#79

Terphenyl-d14

Concen: 61.031 ng

RT: 12.951 min Scan# 1846

Delta R.T. -0.023 min

Lab File: BF138623.D

Acq: 23 Jul 2024 17:33

Instrument :

BNA_F

ClientSampleId :

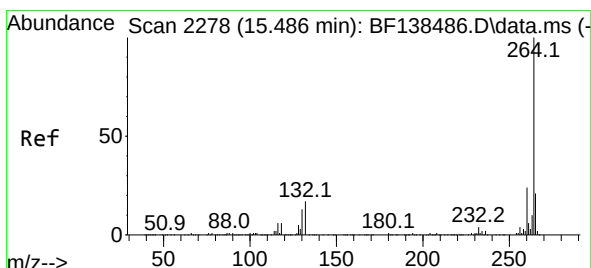
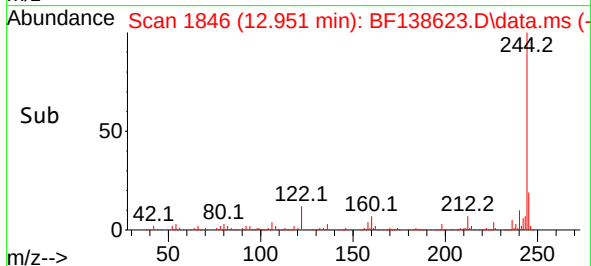
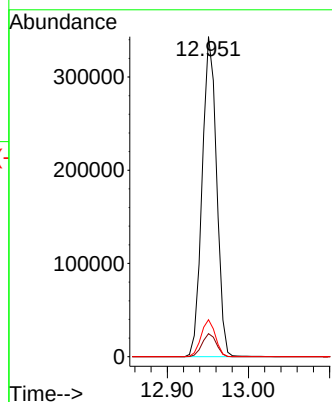
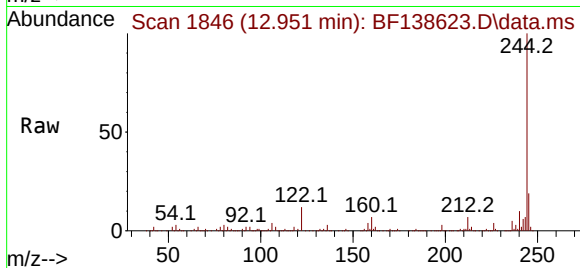
Tgt Ion:244 Resp: 424187

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 11.5 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.018 min

Lab File: BF138623.D

Acq: 23 Jul 2024 17:33

Tgt Ion:264 Resp: 127868

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 20.9 17.0 25.4

