

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
 Data File : BF137898.D
 Acq On : 13 May 2024 12:48
 Operator : CG\JU
 Sample : PB160855BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160855BL

Quant Time: May 13 13:32:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

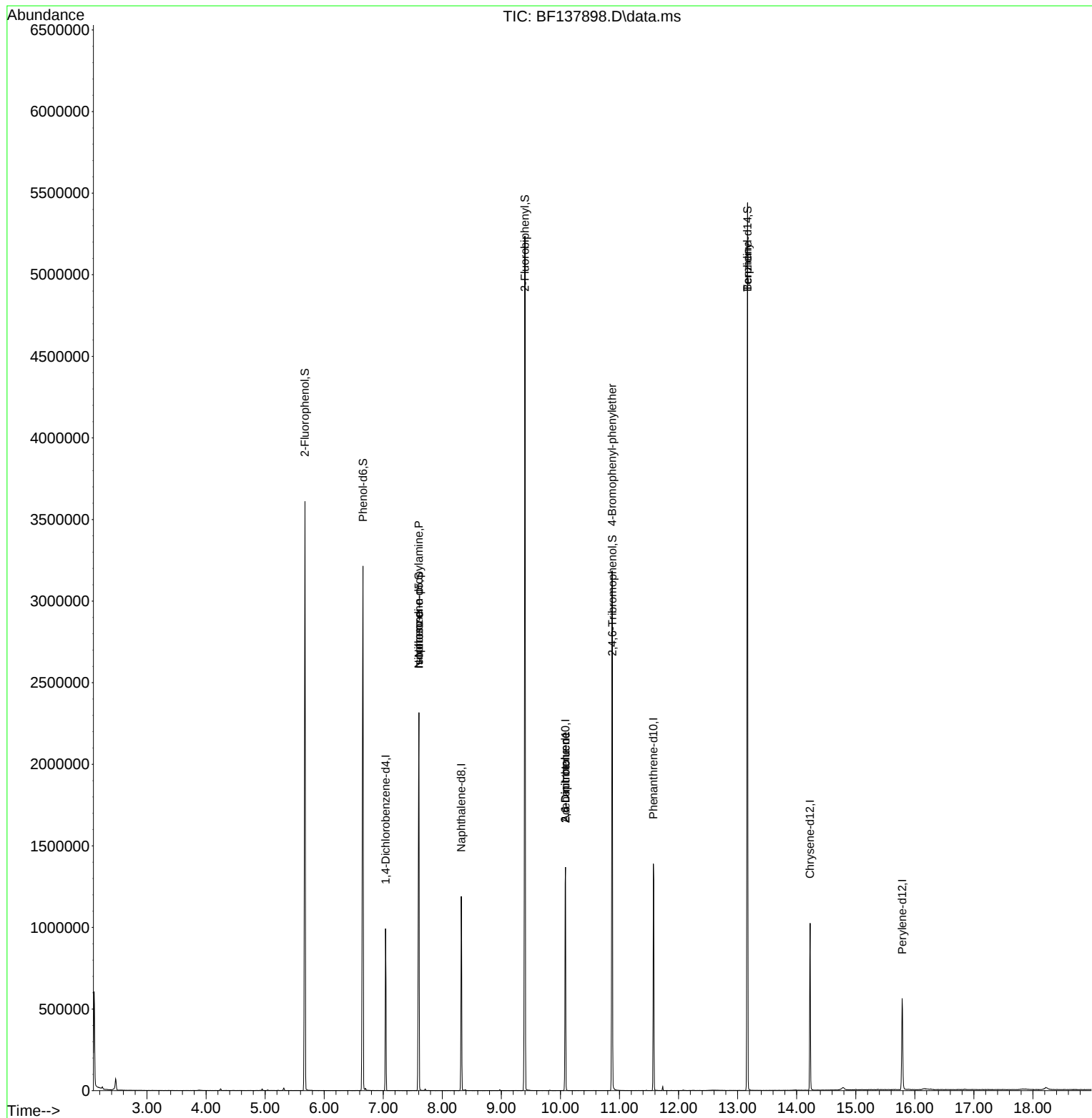
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	140115	20.000	ng	-0.02
21) Naphthalene-d8	8.322	136	541826	20.000	ng	-0.02
39) Acenaphthene-d10	10.086	164	304857	20.000	ng	-0.02
64) Phenanthrene-d10	11.574	188	526728	20.000	ng	-0.02
76) Chrysene-d12	14.227	240	327765	20.000	ng	#-0.02
86) Perylene-d12	15.786	264	273510	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1099390	131.370	ng	0.00
7) Phenol-d6	6.657	99	1335483	125.813	ng	-0.02
23) Nitrobenzene-d5	7.604	82	820175	87.945	ng	-0.02
42) 2,4,6-Tribromophenol	10.880	330	416321	133.751	ng	-0.02
45) 2-Fluorobiphenyl	9.398	172	1734033	92.280	ng	-0.02
79) Terphenyl-d14	13.168	244	1901556	97.226	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.604	70	107690	16.976	ng	# 72
25) Isophorone	7.604	82	820296	48.784	ng	# 64
51) 2,6-Dinitrotoluene	10.086	165	39357	8.949	ng	# 27
57) 2,4-Dinitrotoluene	10.086	165	39357	6.850	ng	# 26
67) 4-Bromophenyl-phenylether	10.874	248	27290	4.841	ng	# 1
77) Benzidine	13.168	184	22085	2.913	ng	# 93

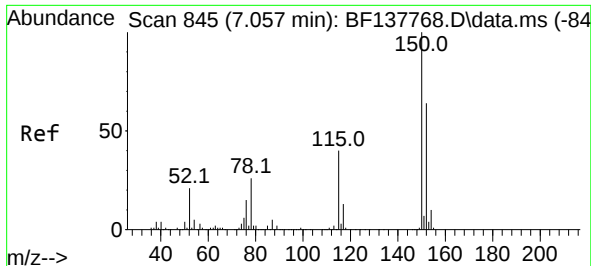
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
Data File : BF137898.D
Acq On : 13 May 2024 12:48
Operator : CG\JU
Sample : PB160855BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160855BL

Quant Time: May 13 13:32:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

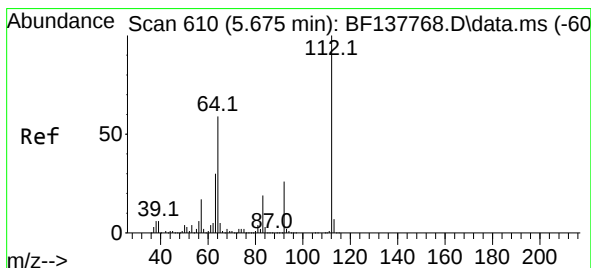
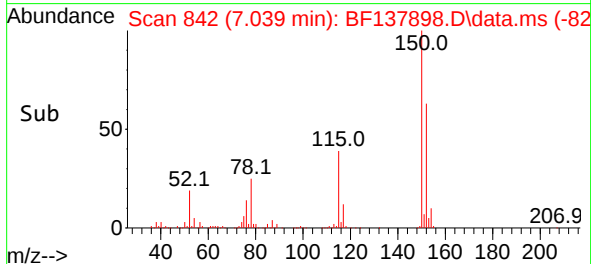
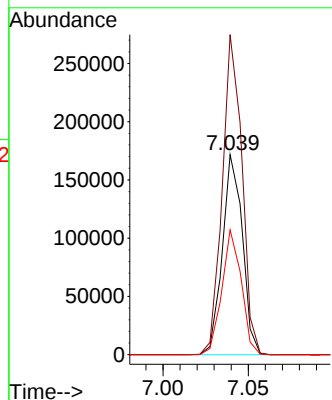
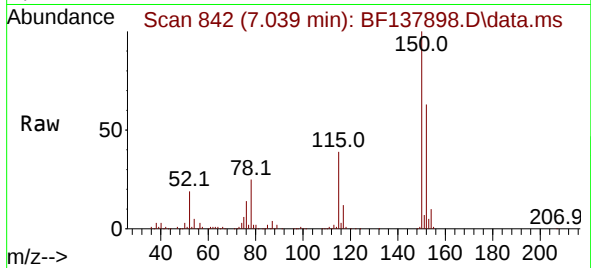




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

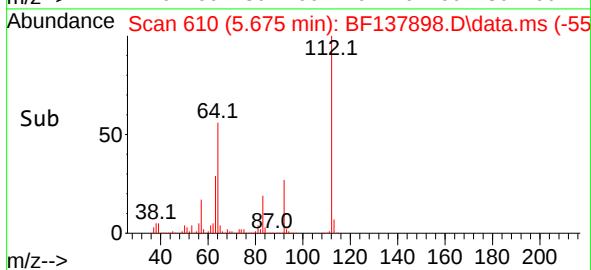
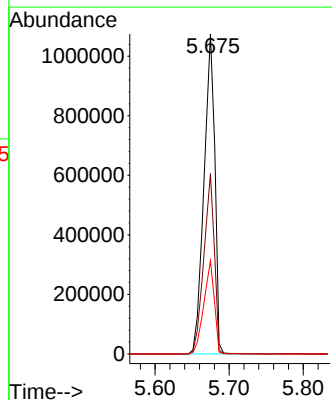
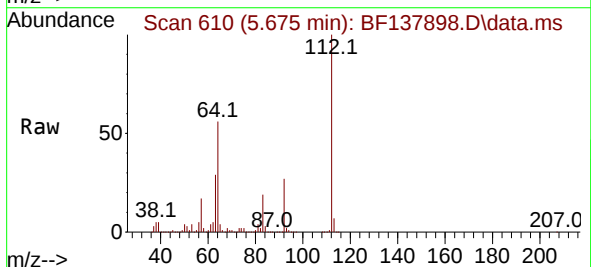
Instrument :
BNA_F
ClientSampleId :
PB160855BL

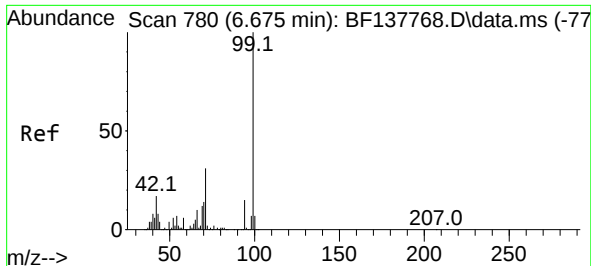
Tgt Ion:152 Resp: 140115
Ion Ratio Lower Upper
152 100
150 160.0 124.1 186.1
115 62.4 49.1 73.7



#5
2-Fluorophenol
Concen: 131.370 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

Tgt Ion:112 Resp: 1099390
Ion Ratio Lower Upper
112 100
64 56.3 47.3 70.9
63 29.1 23.7 35.5

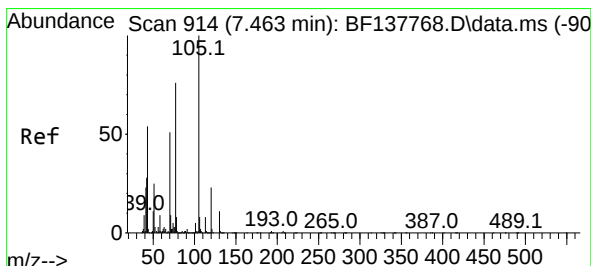
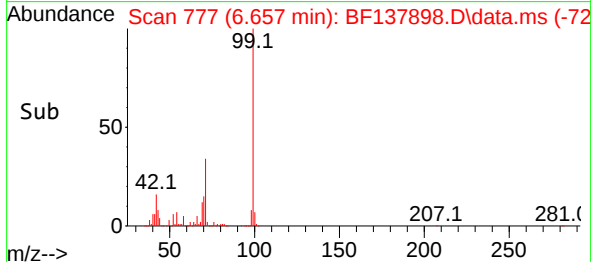
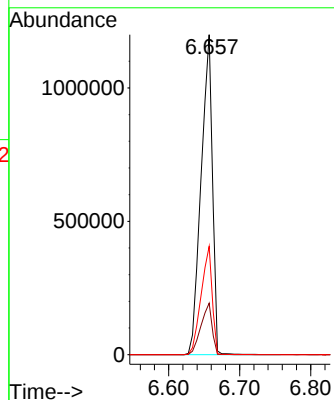
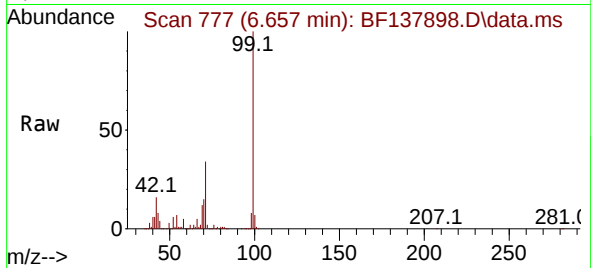




#7
Phenol-d6
Concen: 125.813 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

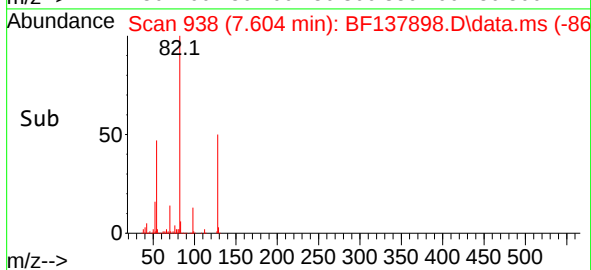
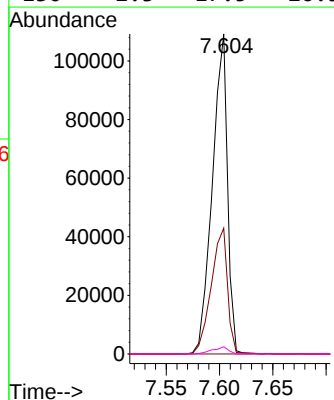
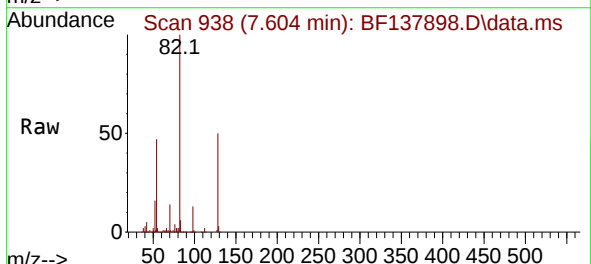
Instrument :
BNA_F
ClientSampleId :
PB160855BL

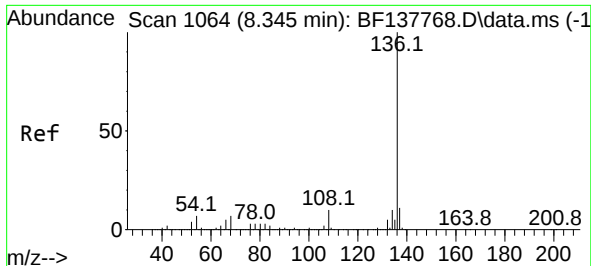
Tgt Ion: 99 Resp: 1335483
Ion Ratio Lower Upper
99 100
42 16.1 13.2 19.8
71 33.8 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.976 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.141 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

Tgt Ion: 70 Resp: 107690
Ion Ratio Lower Upper
70 100
42 39.3 44.6 66.8#
101 0.0 7.8 11.6#
130 2.3 17.5 26.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.024 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

Instrument :

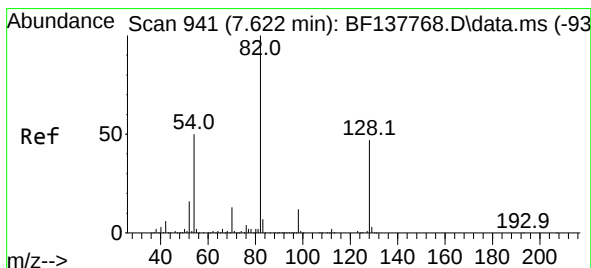
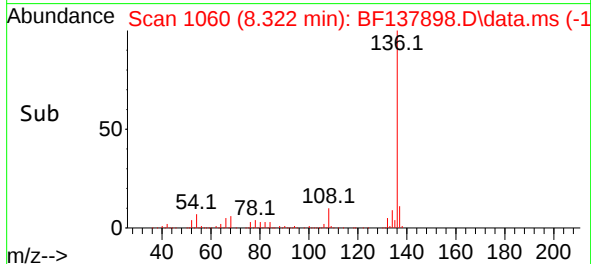
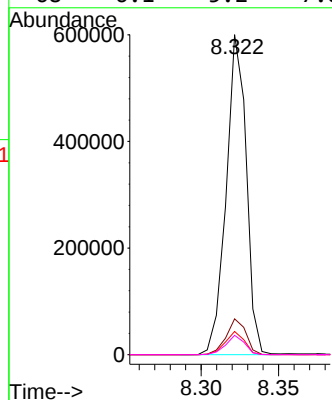
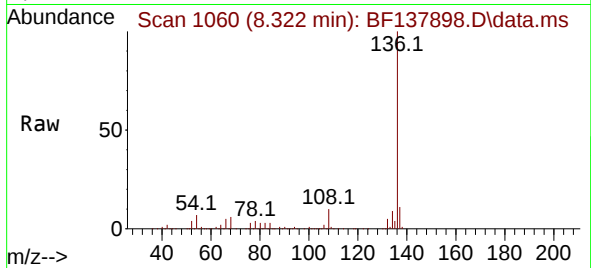
BNA_F

ClientSampleId :

PB160855BL

Tgt Ion:136 Resp: 541826

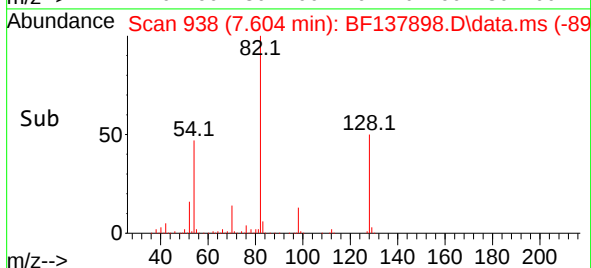
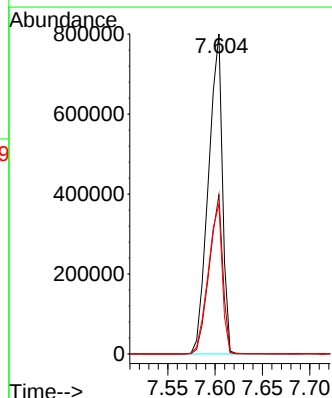
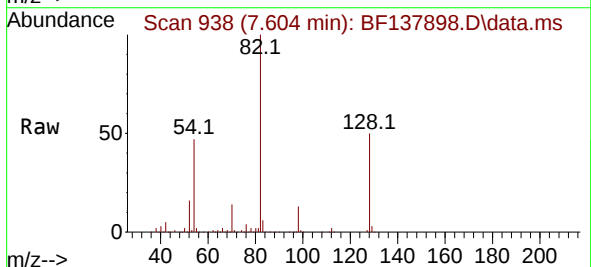
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.2	5.8	8.8
68	6.1	5.2	7.8

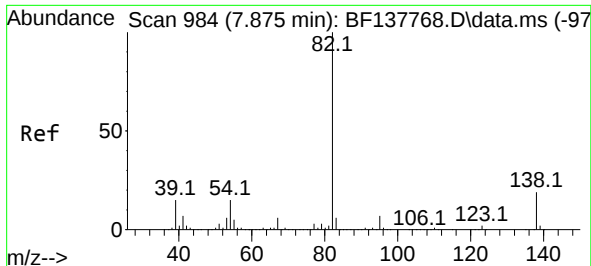


#23
Nitrobenzene-d5
Concen: 87.945 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.018 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

Tgt Ion: 82 Resp: 820175

Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.5	56.3
54	46.7	39.8	59.6

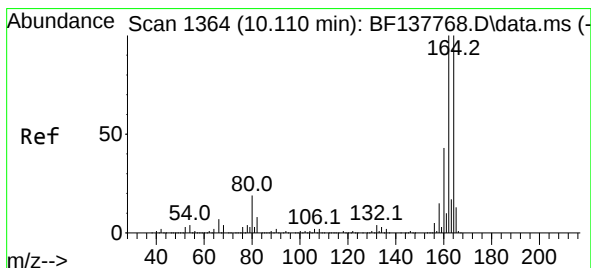
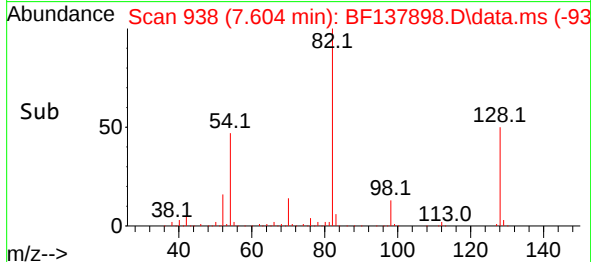
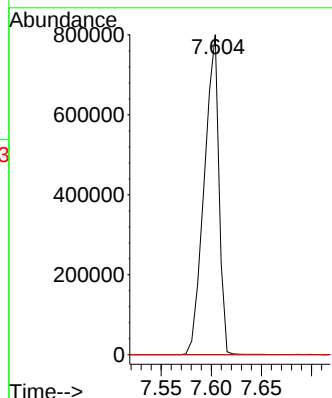
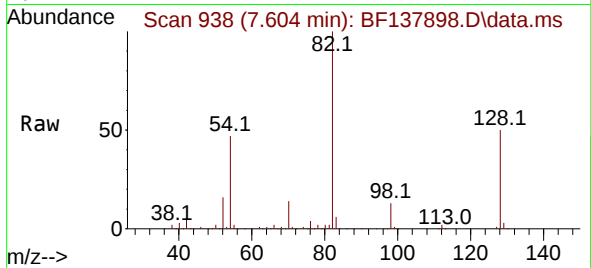




#25
Isophorone
Concen: 48.784 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.271 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

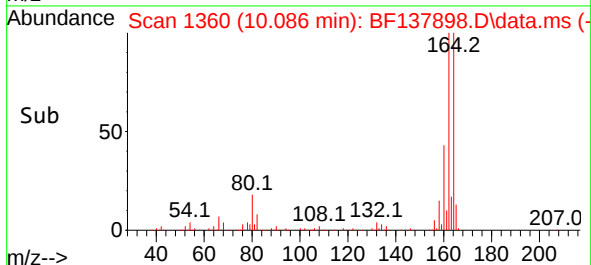
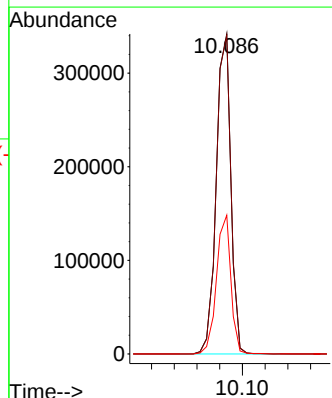
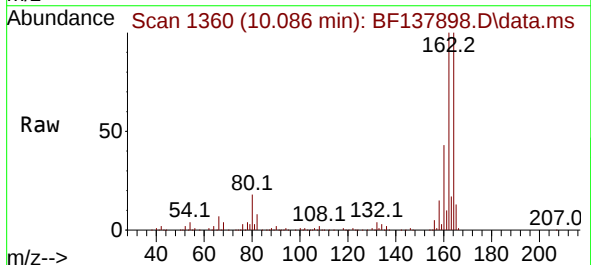
Instrument :
BNA_F
ClientSampleId :
PB160855BL

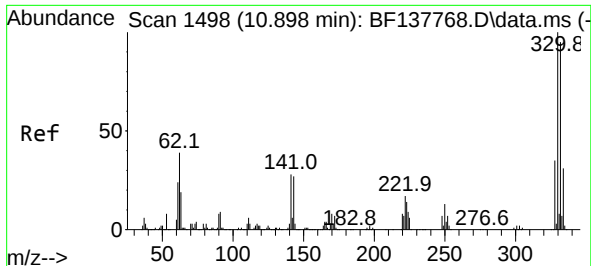
Tgt Ion: 82 Resp: 820296
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.024 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

Tgt Ion:164 Resp: 304857
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.6
160 43.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 133.751 ng

RT: 10.880 min Scan# 1498

Delta R.T. -0.018 min

Lab File: BF137898.D

Acq: 13 May 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB160855BL

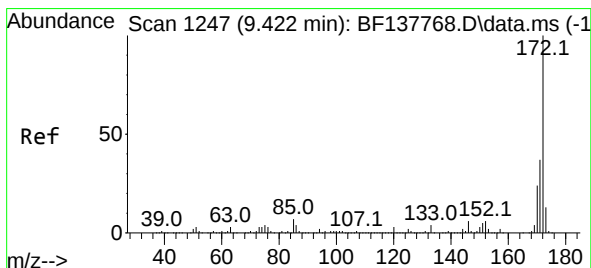
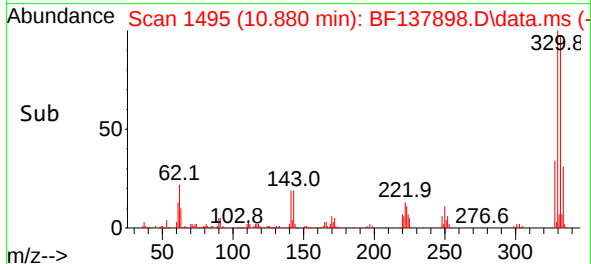
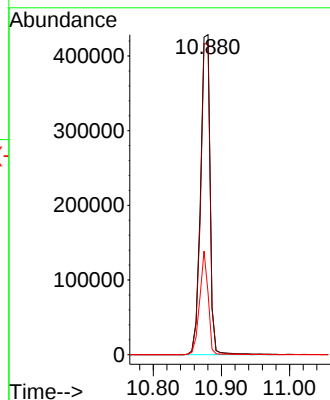
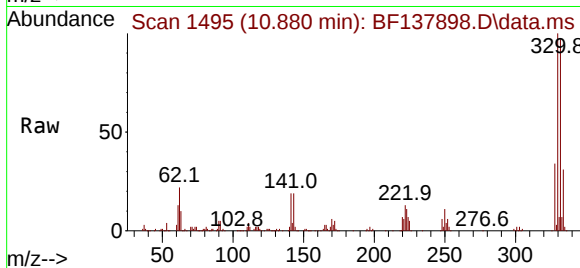
Tgt Ion:330 Resp: 416321

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 28.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 92.280 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.024 min

Lab File: BF137898.D

Acq: 13 May 2024 12:48

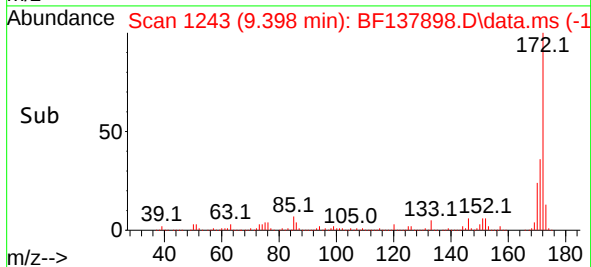
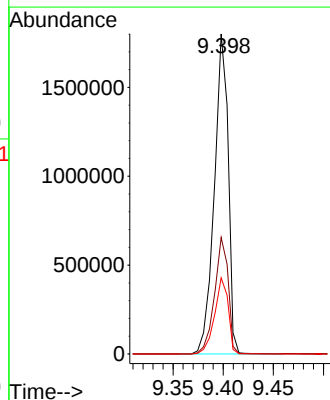
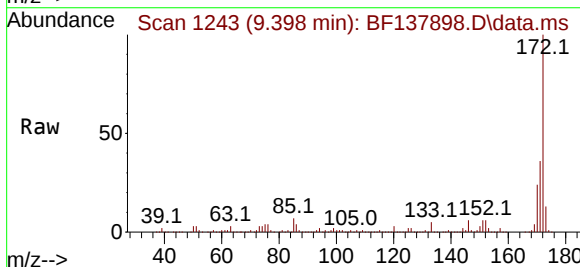
Tgt Ion:172 Resp: 1734033

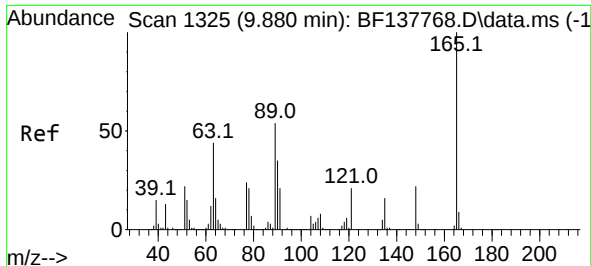
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 23.8 19.4 29.2

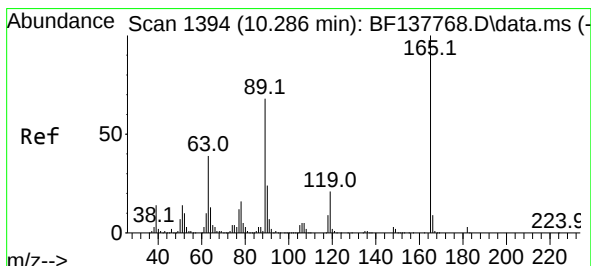
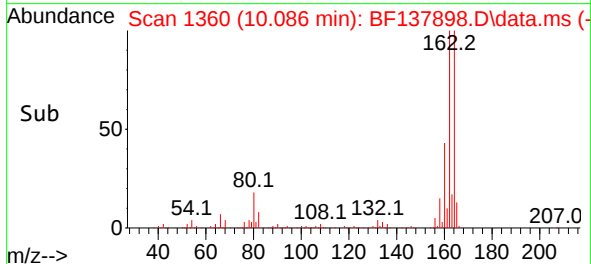
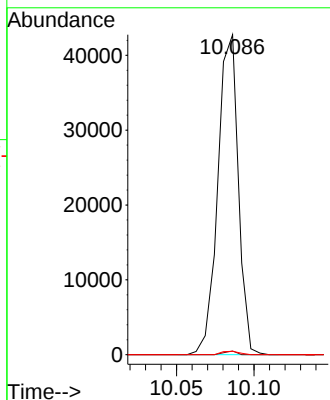
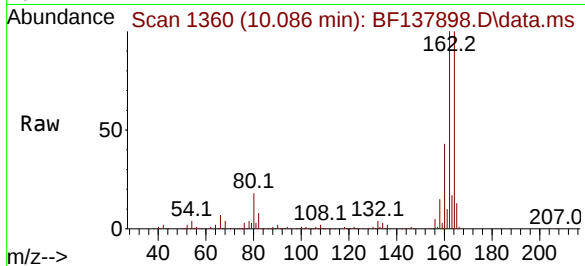




#51
2,6-Dinitrotoluene
Concen: 8.949 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.206 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

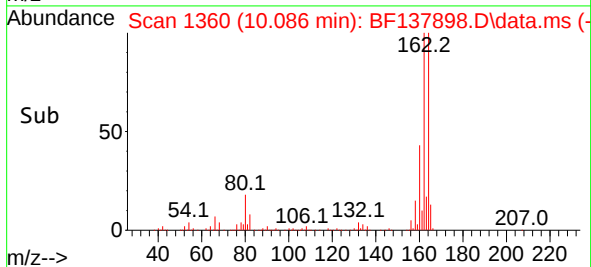
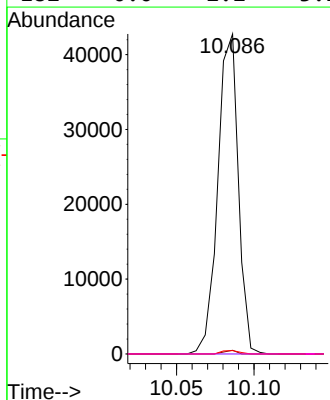
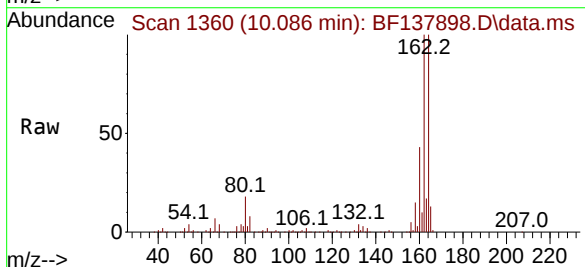
Instrument :
BNA_F
ClientSampleId :
PB160855BL

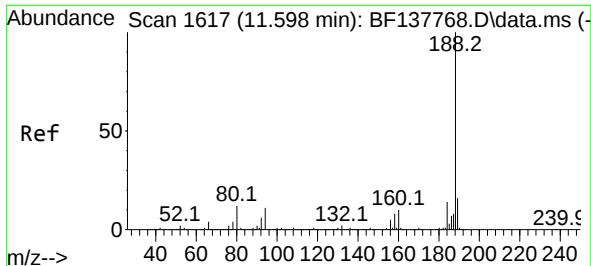
Tgt Ion:165 Resp: 39357
Ion Ratio Lower Upper
165 100
63 1.2 41.9 62.9#
89 1.0 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.850 ng
RT: 10.086 min Scan# 1360
Delta R.T. -0.200 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

Tgt Ion:165 Resp: 39357
Ion Ratio Lower Upper
165 100
63 1.2 31.3 46.9#
89 1.0 54.2 81.4#
182 0.0 2.2 3.2#

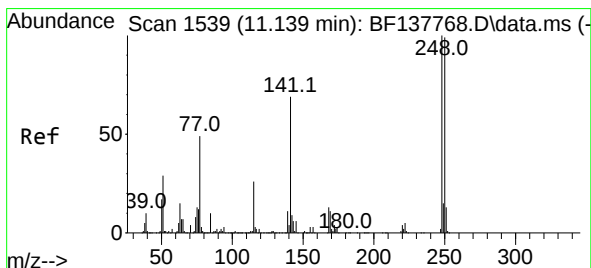
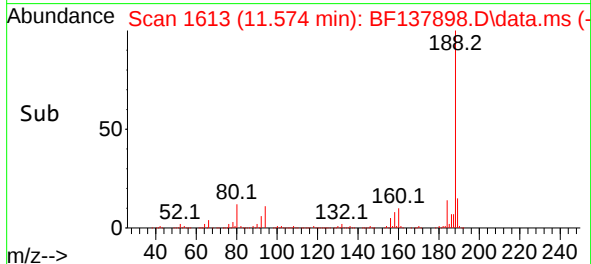
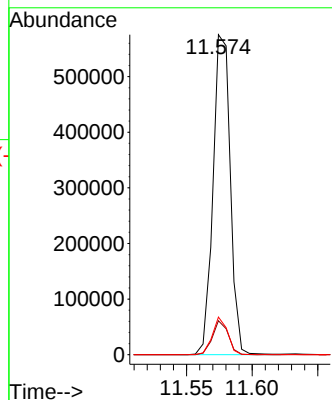
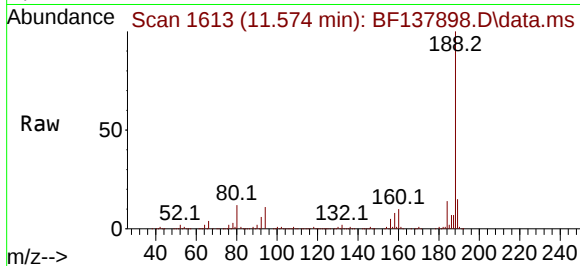




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.024 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

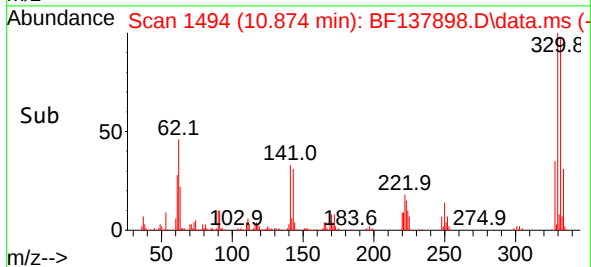
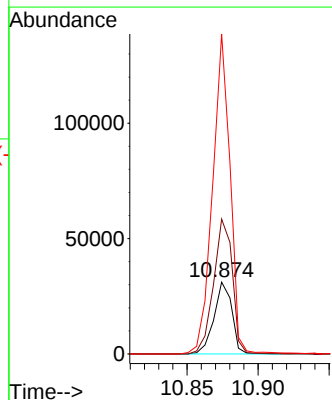
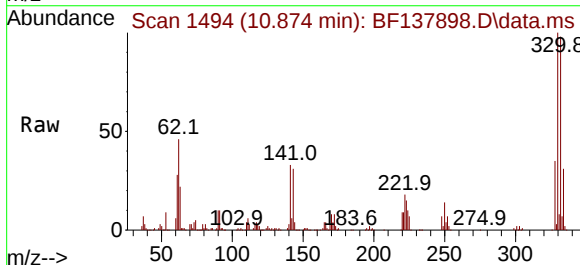
Instrument :
BNA_F
ClientSampleId :
PB160855BL

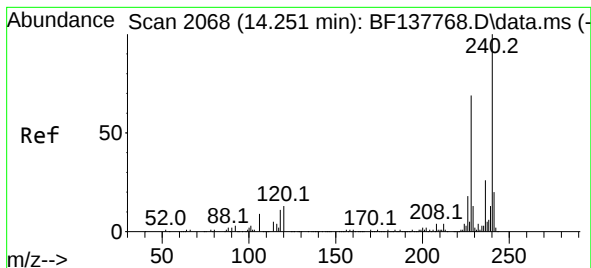
Tgt Ion:188 Resp: 526728
Ion Ratio Lower Upper
188 100
94 10.6 8.8 13.2
80 11.7 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 4.841 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.265 min
Lab File: BF137898.D
Acq: 13 May 2024 12:48

Tgt Ion:248 Resp: 27290
Ion Ratio Lower Upper
248 100
250 187.6 79.1 118.7#
141 445.0 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. -0.024 min

Lab File: BF137898.D

Acq: 13 May 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB160855BL

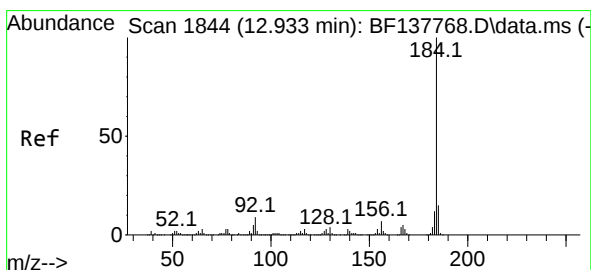
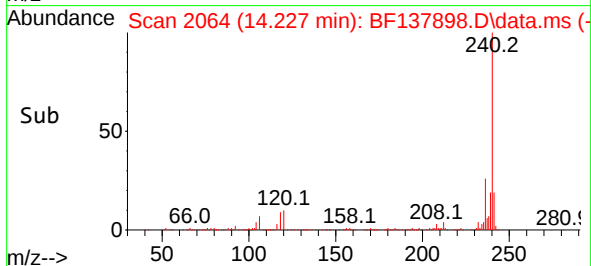
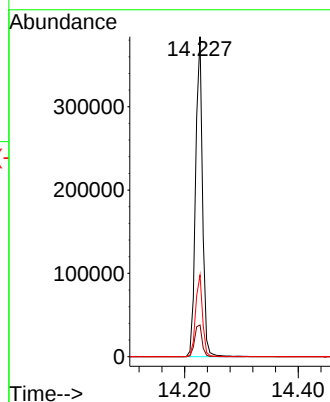
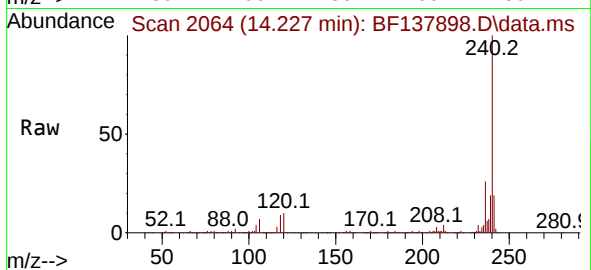
Tgt Ion:240 Resp: 327765

Ion Ratio Lower Upper

240 100

120 9.9 10.4 15.6#

236 25.5 20.4 30.6



#77

Benzidine

Concen: 2.913 ng

RT: 13.168 min Scan# 1884

Delta R.T. 0.235 min

Lab File: BF137898.D

Acq: 13 May 2024 12:48

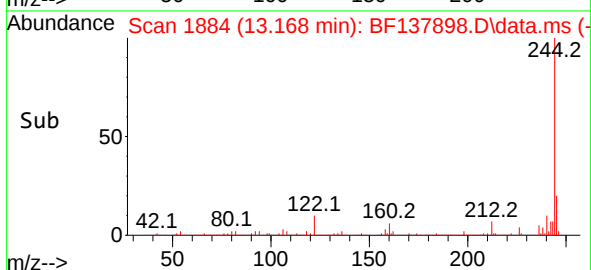
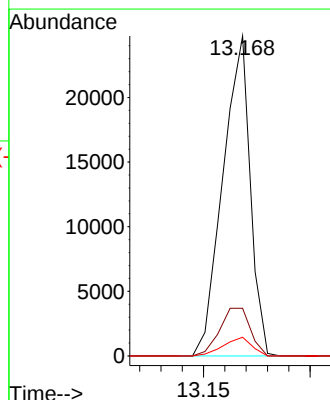
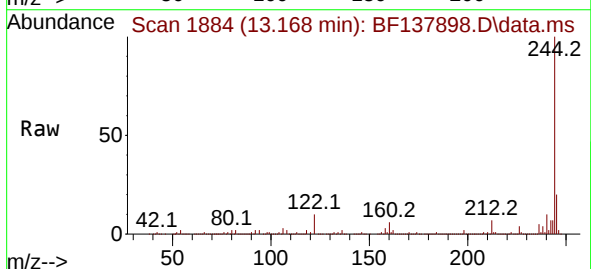
Tgt Ion:184 Resp: 22085

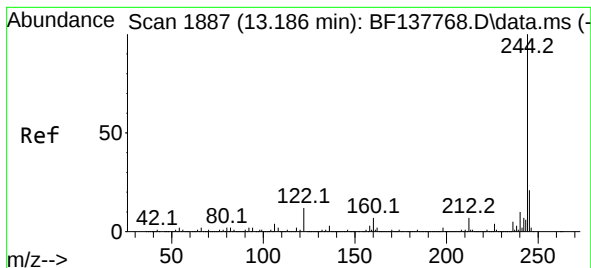
Ion Ratio Lower Upper

184 100

185 14.9 12.3 18.5

183 5.9 9.2 13.8#





#79

Terphenyl-d14

Concen: 97.226 ng

RT: 13.168 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF137898.D

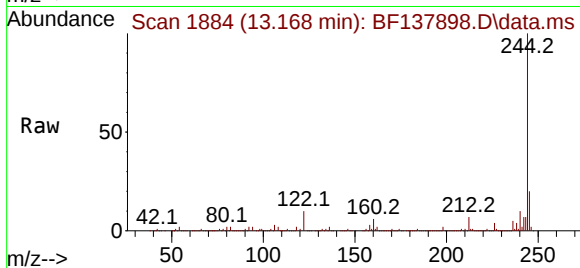
Acq: 13 May 2024 12:48

Instrument :

BNA_F

ClientSampleId :

PB160855BL



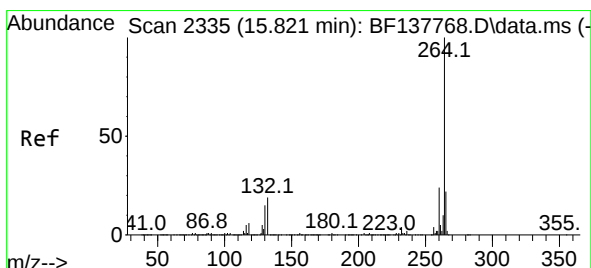
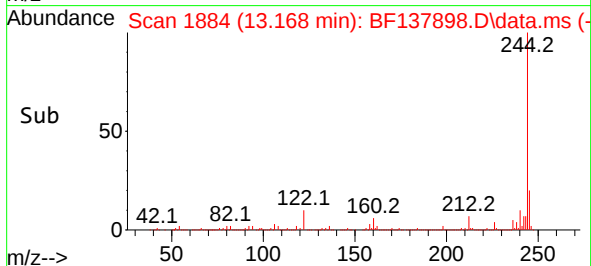
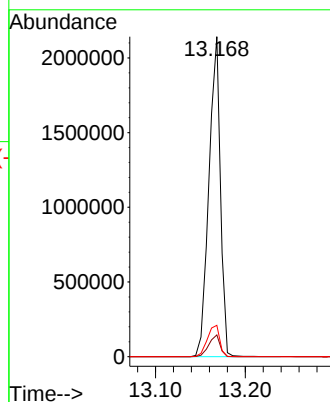
Tgt Ion:244 Resp: 1901556

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 9.8 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 2329

Delta R.T. -0.036 min

Lab File: BF137898.D

Acq: 13 May 2024 12:48

Tgt Ion:264 Resp: 273510

Ion Ratio Lower Upper

264 100

260 23.2 18.9 28.3

265 21.7 17.4 26.0

