

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137883.D
 Acq On : 10 May 2024 16:22
 Operator : CG\JU
 Sample : P2432-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-02-011

Quant Time: May 11 00:37:26 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)

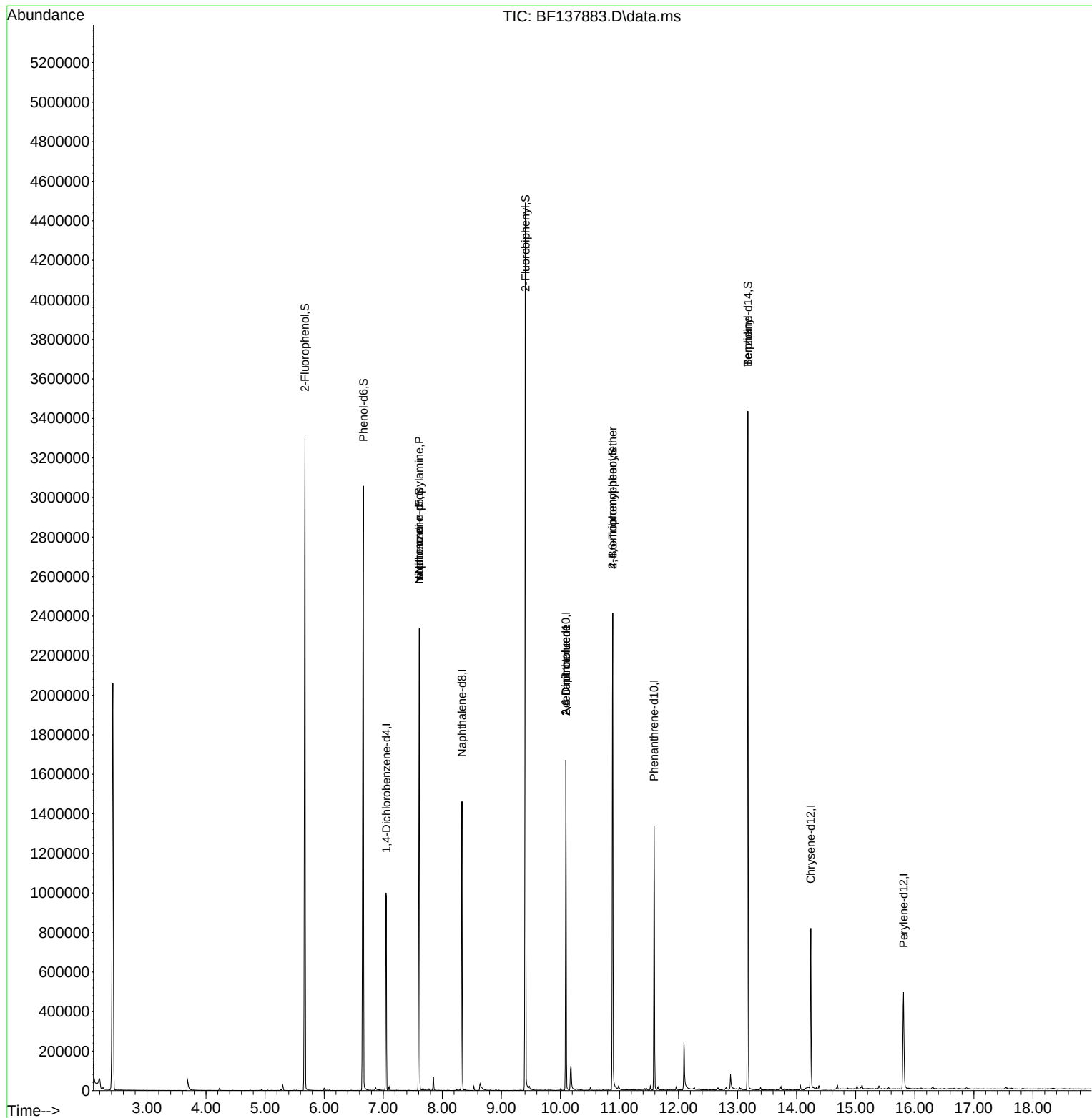
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	158879	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	601796	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	326964	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	472940	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	266308	20.000	ng	#-0.01
86) Perylene-d12	15.810	264	246377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	952838	100.411	ng	0.00
7) Phenol-d6	6.663	99	1185941	98.530	ng	-0.01
23) Nitrobenzene-d5	7.610	82	716013	69.125	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	312753	93.684	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1503844	74.619	ng	-0.01
79) Terphenyl-d14	13.175	244	1111160	69.925	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	94213	13.098	ng	# 74
25) Isophorone	7.610	82	716008	38.338	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	42732	9.059	ng	# 27
57) 2,4-Dinitrotoluene	10.092	165	42732	6.934	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	20105	3.972	ng	# 1
77) Benzidine	13.175	184	12822	2.082	ng	# 92

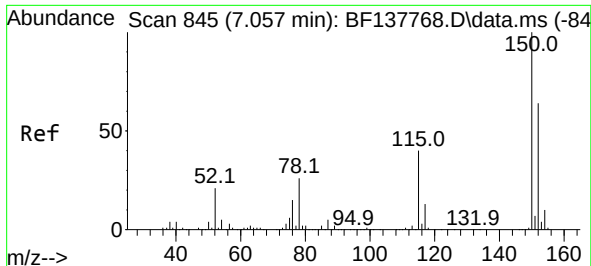
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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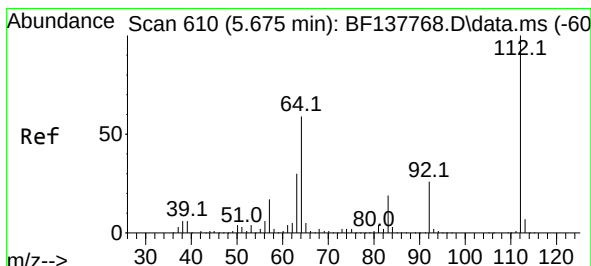
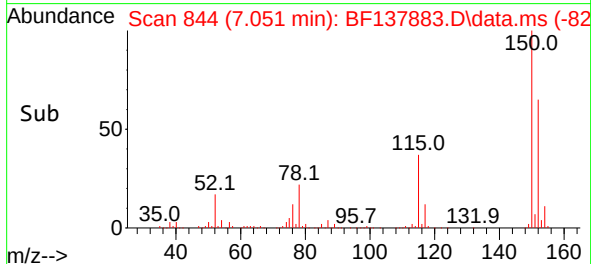
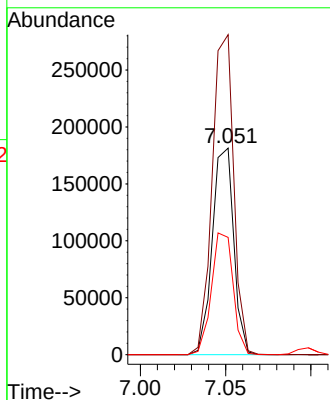
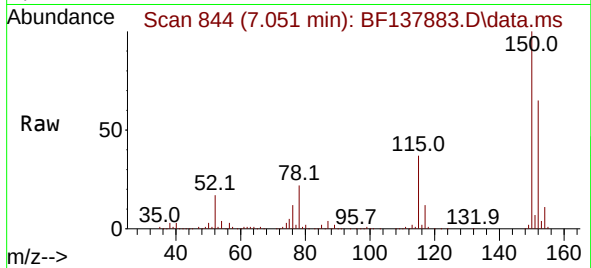




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137883.D
Acq: 10 May 2024 16:22

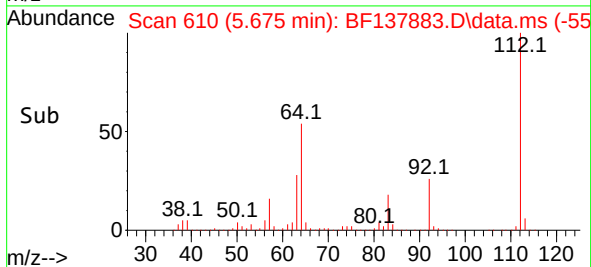
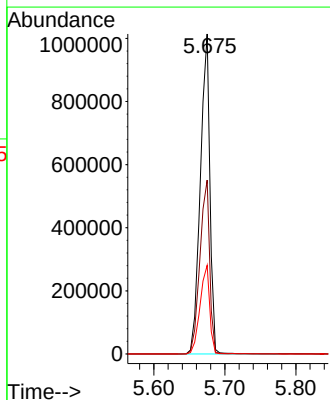
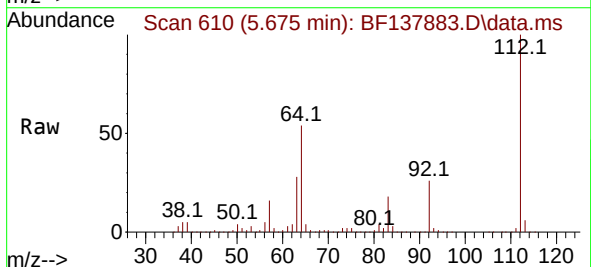
Instrument :
BNA_F
ClientSampleId :
B-02-011

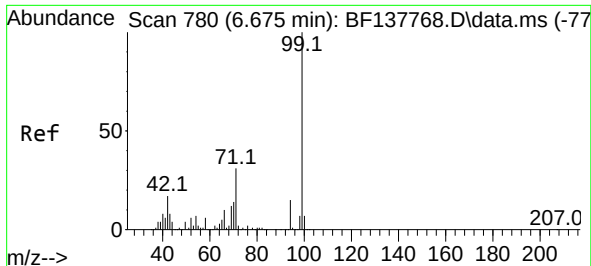
Tgt Ion:152 Resp: 158879
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 56.8 49.1 73.7



#5
2-Fluorophenol
Concen: 100.411 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.000 min
Lab File: BF137883.D
Acq: 10 May 2024 16:22

Tgt Ion:112 Resp: 952838
Ion Ratio Lower Upper
112 100
64 54.4 47.3 70.9
63 27.7 23.7 35.5

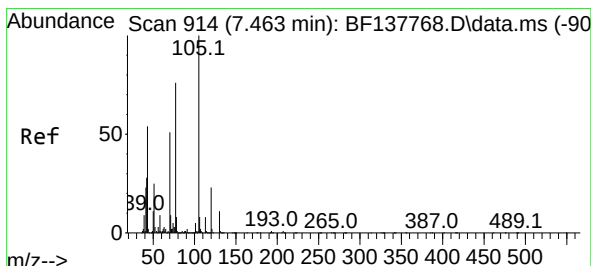
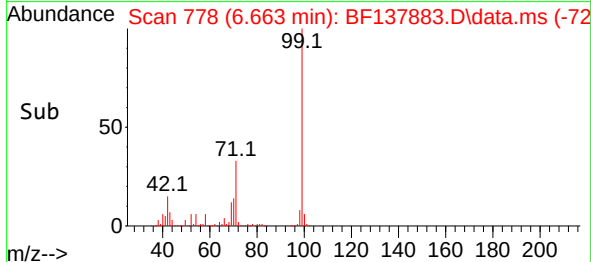
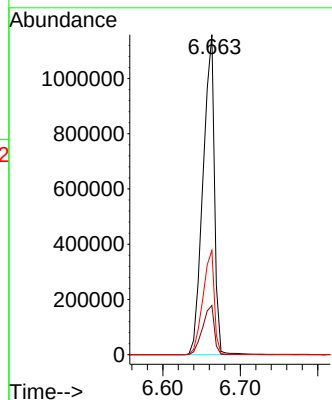
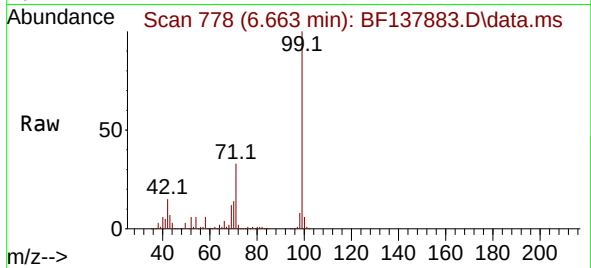




#7
Phenol-d6
Concen: 98.530 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137883.D
Acq: 10 May 2024 16:22

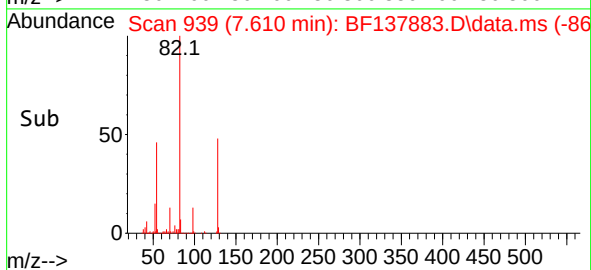
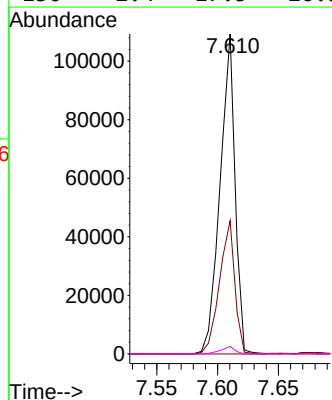
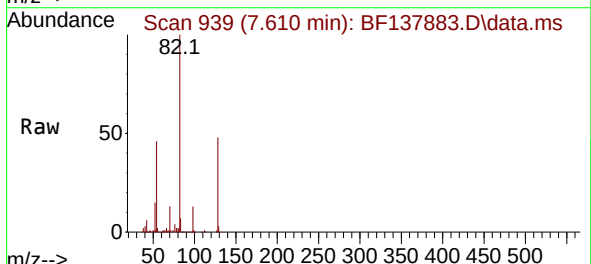
Instrument :
BNA_F
ClientSampleId :
B-02-011

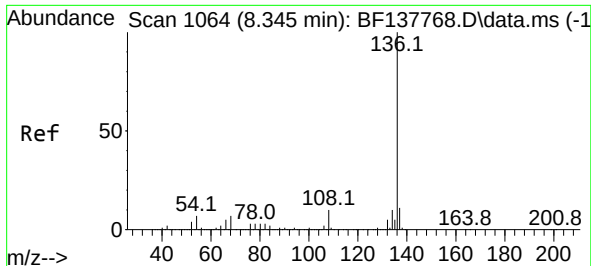
Tgt Ion: 99 Resp: 1185941
Ion Ratio Lower Upper
99 100
42 15.4 13.2 19.8
71 32.5 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.098 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137883.D
Acq: 10 May 2024 16:22

Tgt Ion: 70 Resp: 94213
Ion Ratio Lower Upper
70 100
42 41.6 44.6 66.8#
101 0.0 7.8 11.6#
130 2.4 17.5 26.3#

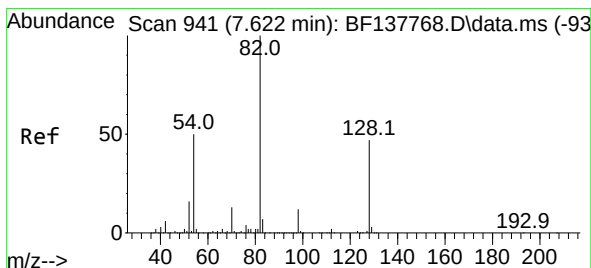
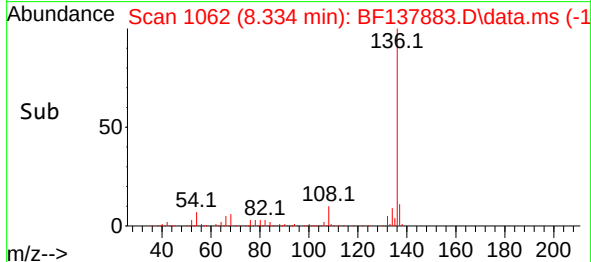
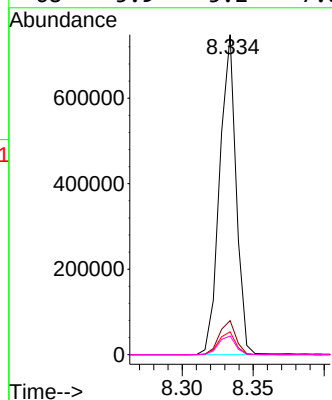
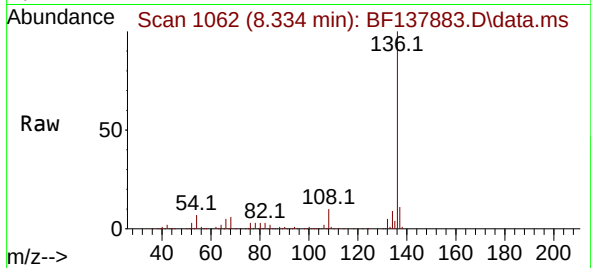




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137883.D
Acq: 10 May 2024 16:22

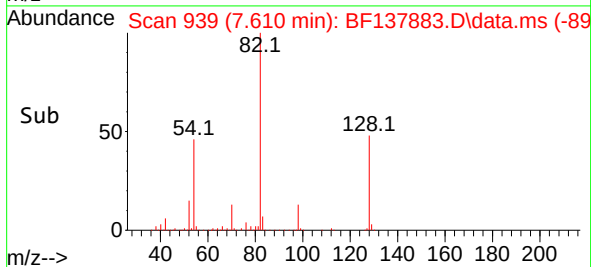
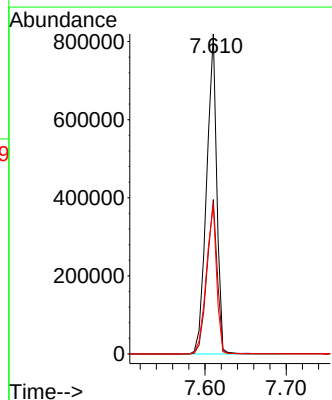
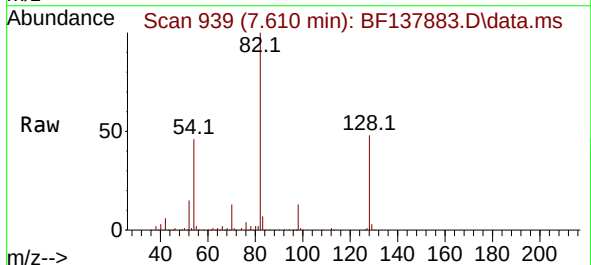
Instrument :
BNA_F
ClientSampleId :
B-02-011

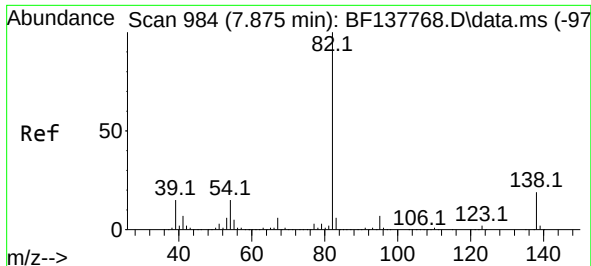
Tgt Ion:136	Resp: 601796
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 7.1	5.8 8.8
68 5.9	5.2 7.8



#23
Nitrobenzene-d5
Concen: 69.125 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137883.D
Acq: 10 May 2024 16:22

Tgt Ion: 82	Resp: 716013
Ion Ratio	Lower Upper
82 100	
128 48.2	37.5 56.3
54 46.5	39.8 59.6

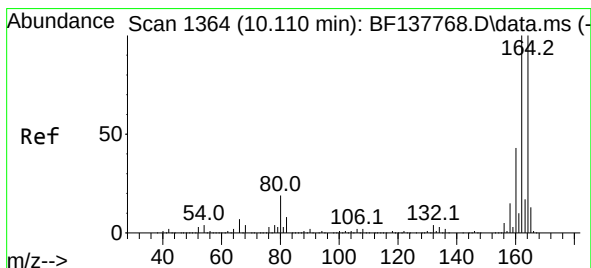
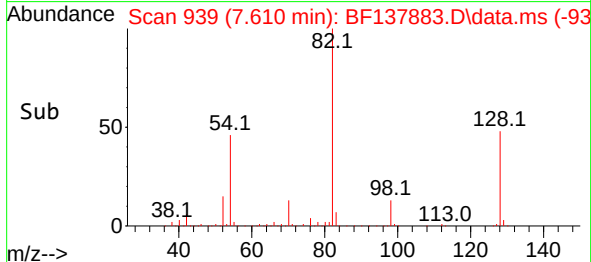
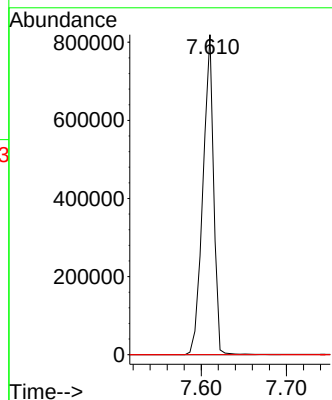
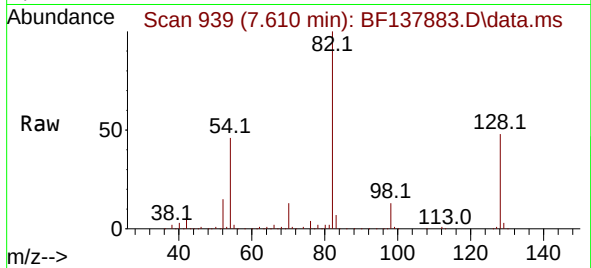




#25
Isophorone
Concen: 38.338 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137883.D
Acq: 10 May 2024 16:22

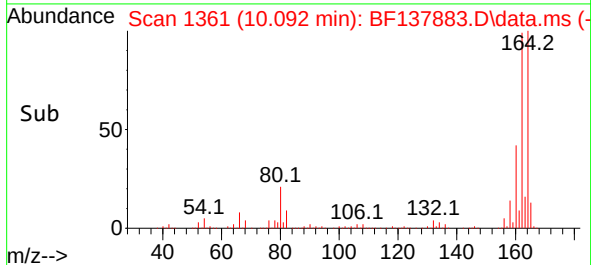
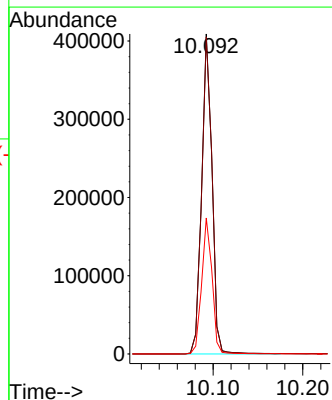
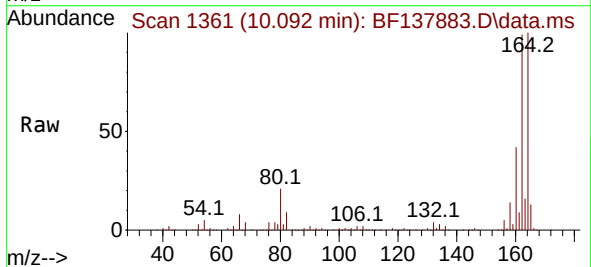
Instrument :
BNA_F
ClientSampleId :
B-02-011

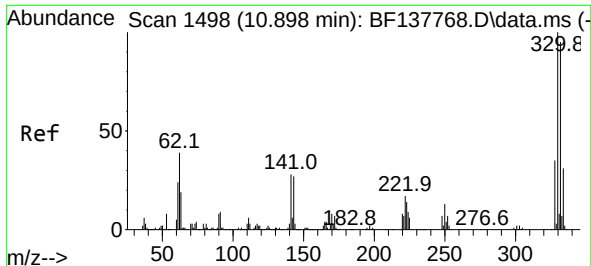
Tgt Ion: 82 Resp: 716008
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137883.D
Acq: 10 May 2024 16:22

Tgt Ion:164 Resp: 326964
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.6
160 42.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 93.684 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137883.D

Acq: 10 May 2024 16:22

Instrument :

BNA_F

ClientSampleId :

B-02-011

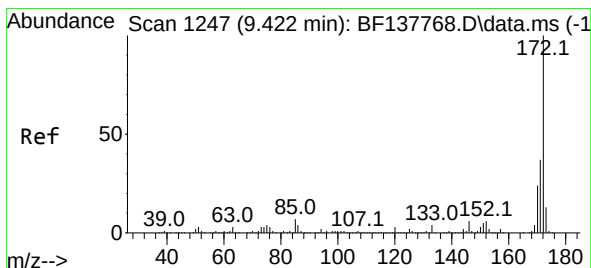
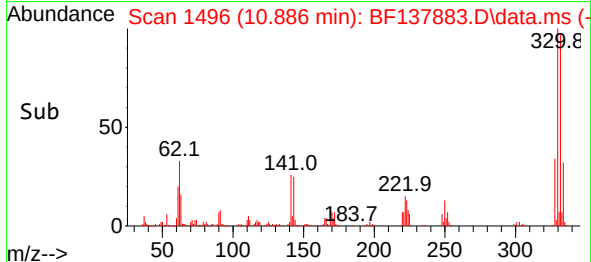
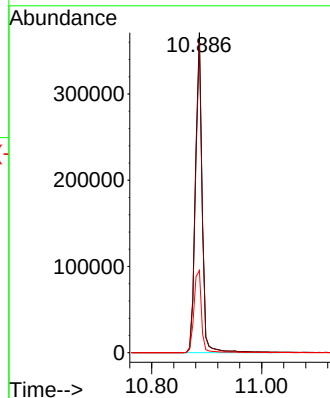
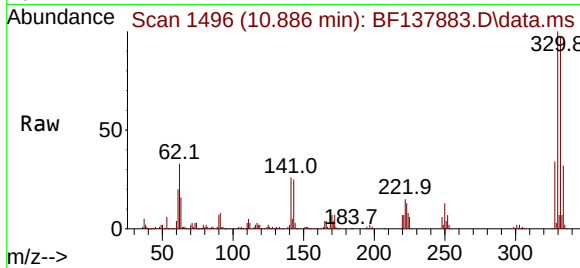
Tgt Ion:330 Resp: 312753

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 28.9 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 74.619 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137883.D

Acq: 10 May 2024 16:22

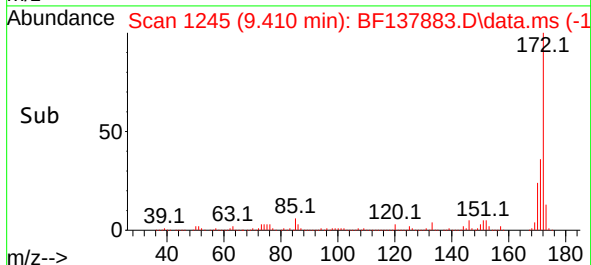
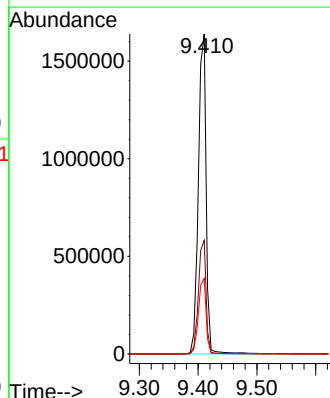
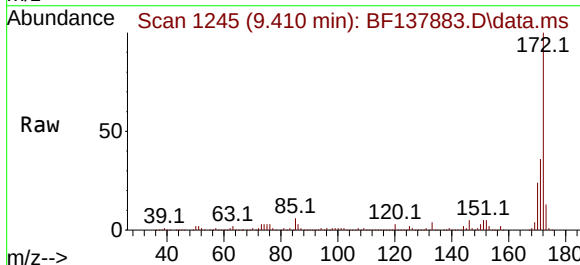
Tgt Ion:172 Resp: 1503844

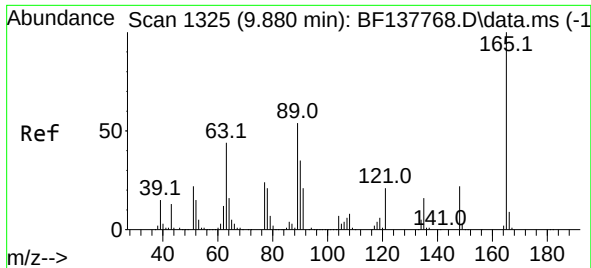
Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

170 23.6 19.4 29.2

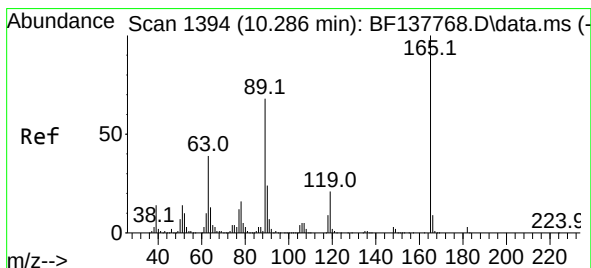
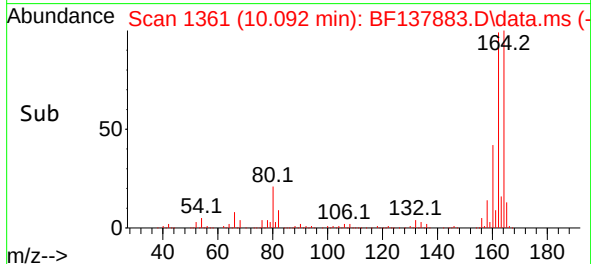
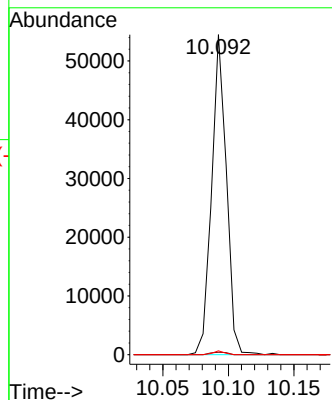
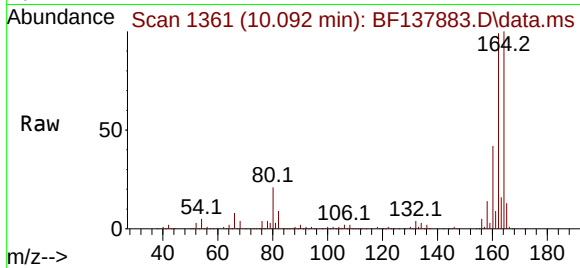




#51
2,6-Dinitrotoluene
Concen: 9.059 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137883.D
Acq: 10 May 2024 16:22

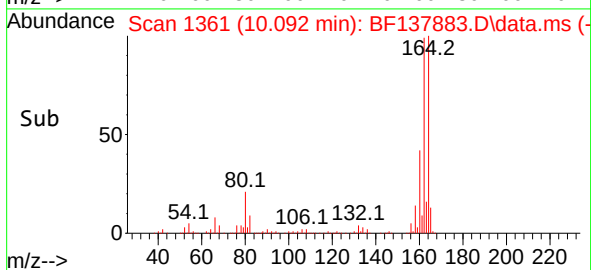
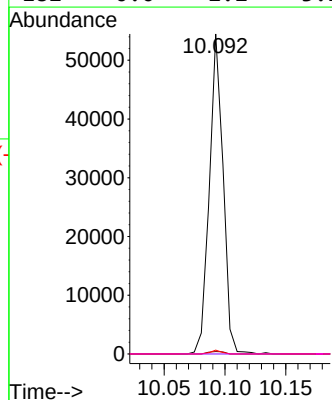
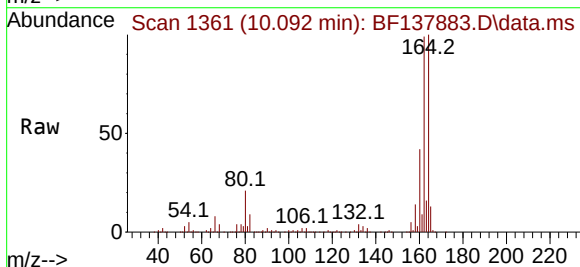
Instrument :
BNA_F
ClientSampleId :
B-02-011

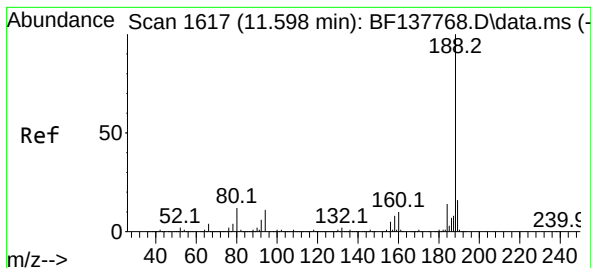
Tgt Ion:165 Resp: 42732
Ion Ratio Lower Upper
165 100
63 0.8 41.9 62.9#
89 1.2 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.934 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137883.D
Acq: 10 May 2024 16:22

Tgt Ion:165 Resp: 42732
Ion Ratio Lower Upper
165 100
63 0.8 31.3 46.9#
89 1.2 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.586 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137883.D

Acq: 10 May 2024 16:22

Instrument :

BNA_F

ClientSampleId :

B-02-011

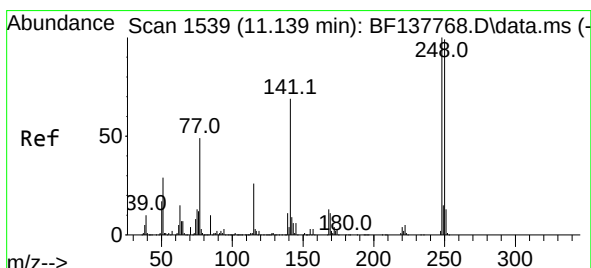
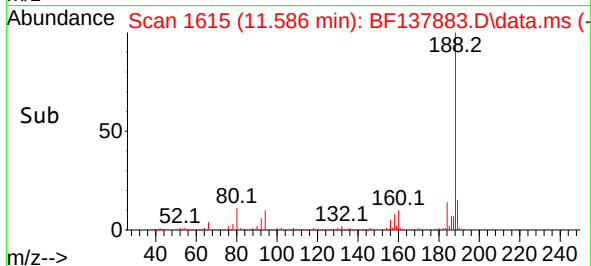
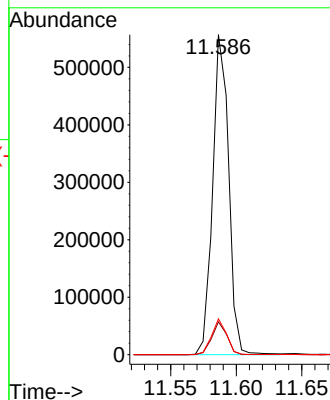
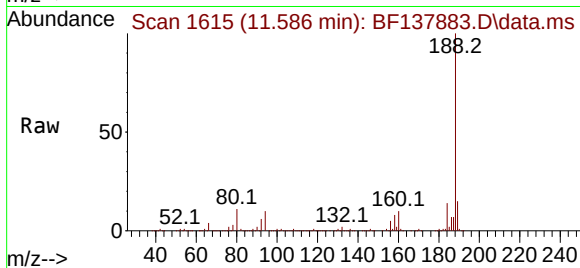
Tgt Ion:188 Resp: 472940

Ion Ratio Lower Upper

188 100

94 10.3 8.8 13.2

80 11.2 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 3.972 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.253 min

Lab File: BF137883.D

Acq: 10 May 2024 16:22

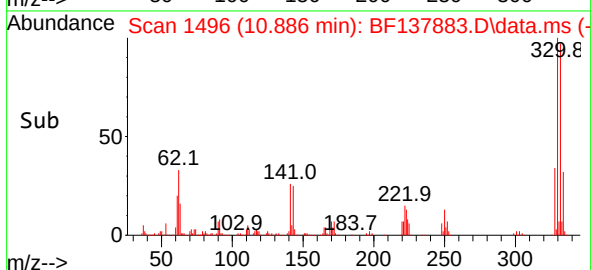
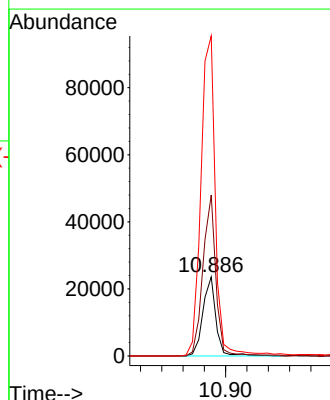
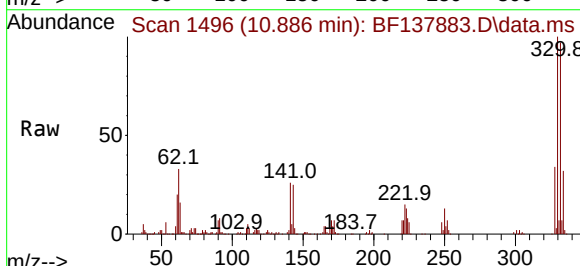
Tgt Ion:248 Resp: 20105

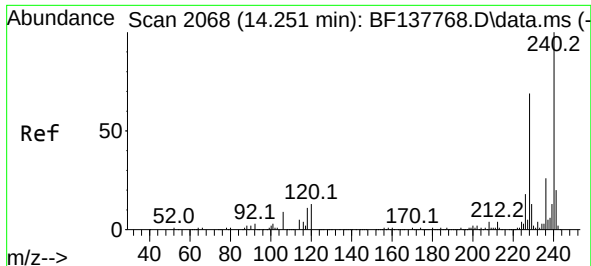
Ion Ratio Lower Upper

248 100

250 203.8 79.1 118.7#

141 405.1 55.4 83.2#

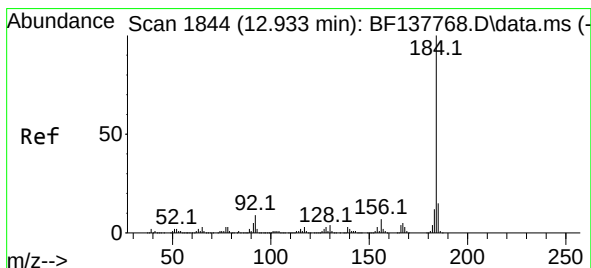
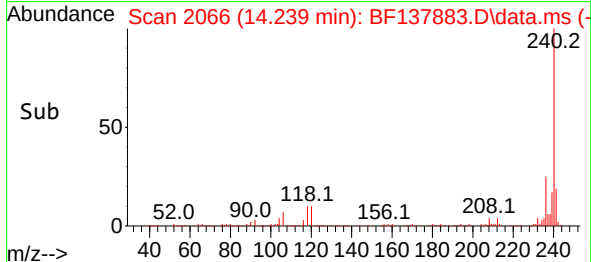
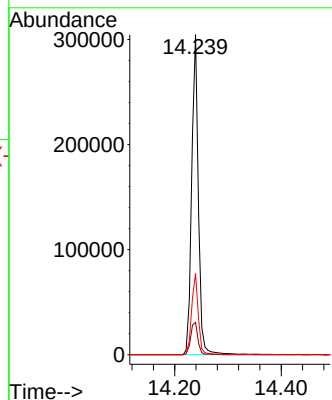
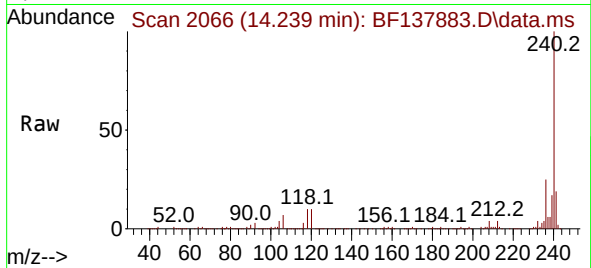




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137883.D
Acq: 10 May 2024 16:22

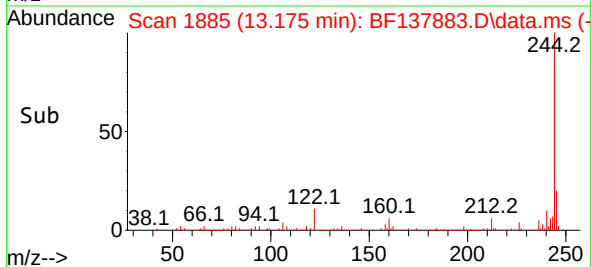
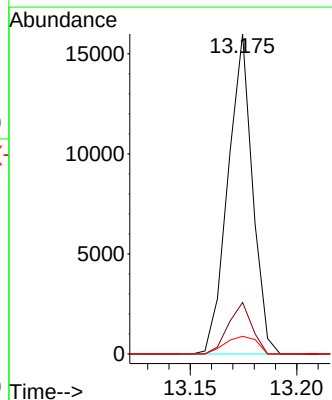
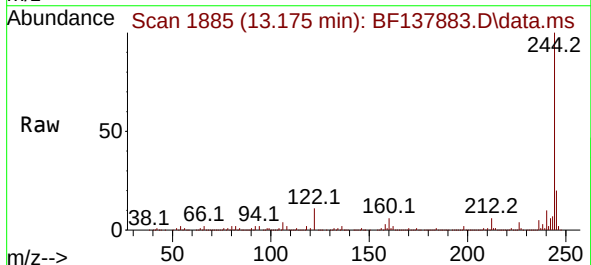
Instrument :
BNA_F
ClientSampleId :
B-02-011

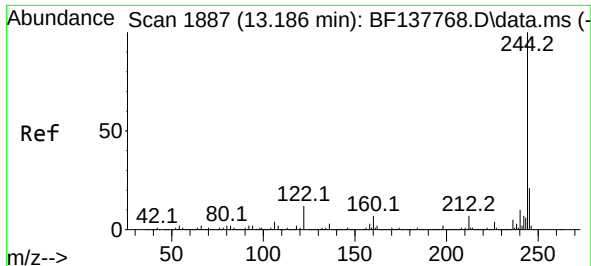
Tgt Ion:240 Resp: 266308
Ion Ratio Lower Upper
240 100
120 10.1 10.4 15.6#
236 25.4 20.4 30.6



#77
Benzidine
Concen: 2.082 ng
RT: 13.175 min Scan# 1885
Delta R.T. 0.241 min
Lab File: BF137883.D
Acq: 10 May 2024 16:22

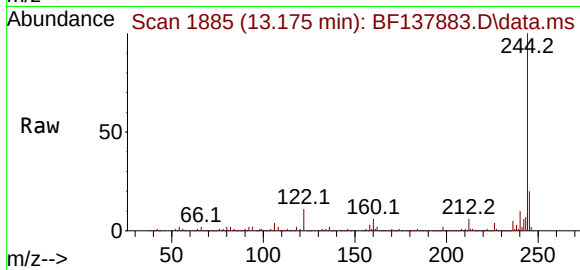
Tgt Ion:184 Resp: 12822
Ion Ratio Lower Upper
184 100
185 16.1 12.3 18.5
183 5.5 9.2 13.8#



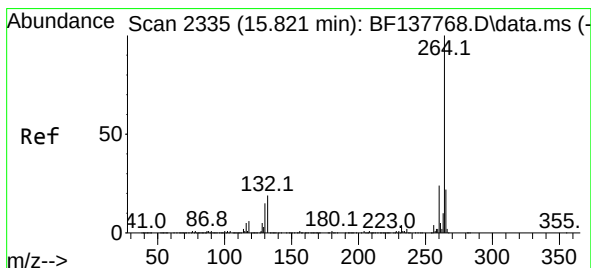
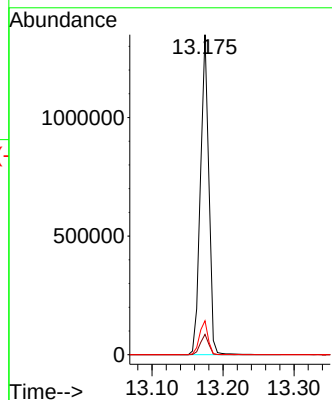
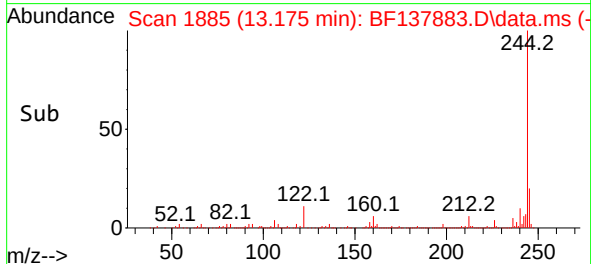


#79
 Terphenyl-d14
 Concen: 69.925 ng
 RT: 13.175 min Scan# 1885
 Delta R.T. -0.012 min
 Lab File: BF137883.D
 Acq: 10 May 2024 16:22

Instrument :
 BNA_F
 ClientSampleId :
 B-02-011



Tgt Ion:244 Resp: 1111160
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 10.6 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.810 min Scan# 2333
 Delta R.T. -0.012 min
 Lab File: BF137883.D
 Acq: 10 May 2024 16:22

Tgt Ion:264 Resp: 246377
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.9 28.3
 265 21.4 17.4 26.0

