

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050824\
 Data File : BF137854.D
 Acq On : 08 May 2024 14:43
 Operator : CG\JU
 Sample : P2413-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-EE

Quant Time: May 08 15:39:54 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)

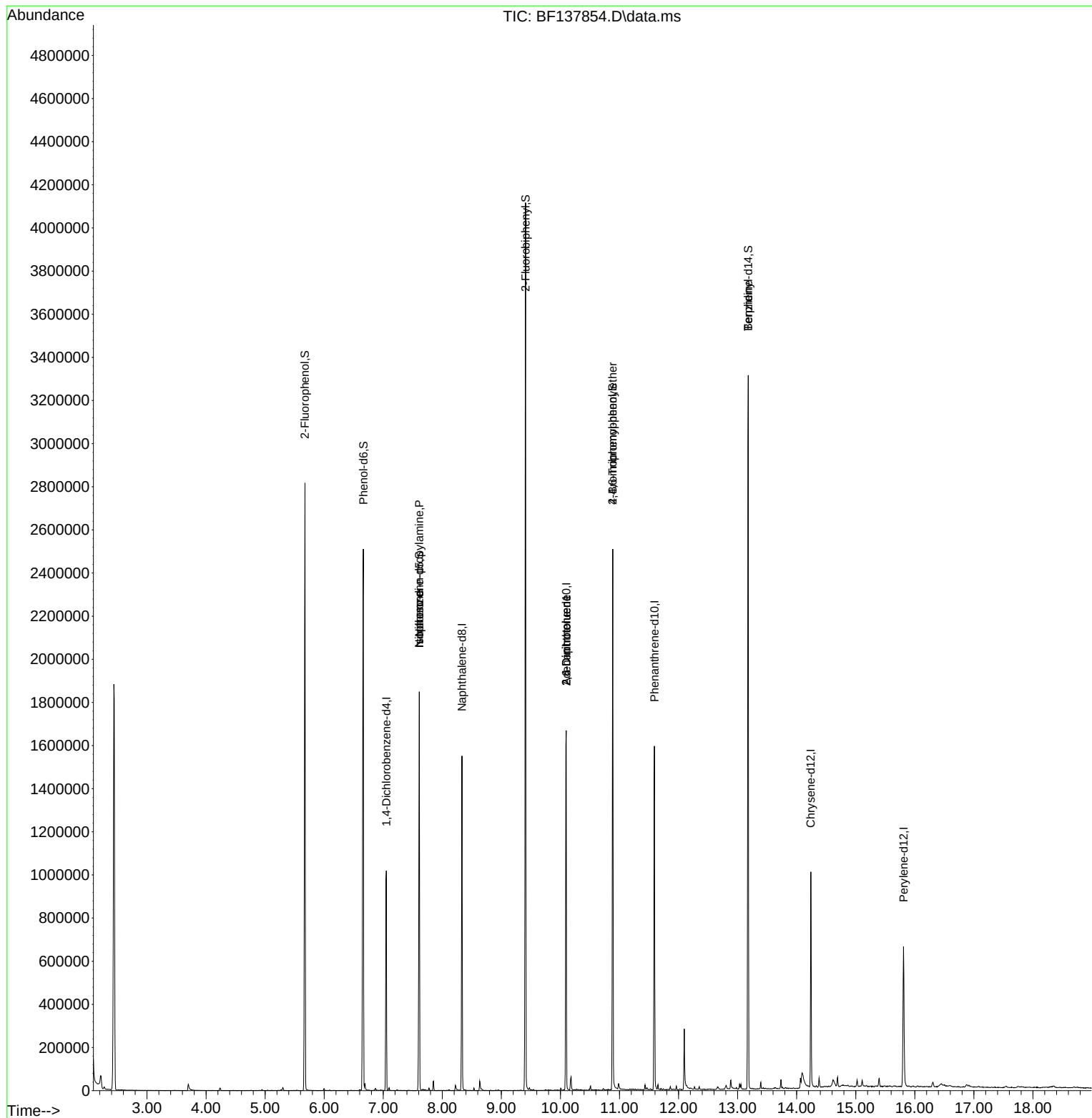
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	159461	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	639066	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	368996	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	582437	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	306421	20.000	ng	-0.01
86) Perylene-d12	15.809	264	309186	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	778083	81.696	ng	0.00
7) Phenol-d6	6.663	99	985538	81.582	ng	-0.01
23) Nitrobenzene-d5	7.610	82	569634	51.786	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	297079	78.852	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1226791	53.938	ng	-0.01
79) Terphenyl-d14	13.180	244	1166479	63.796	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	74370	10.301	ng	# 75
25) Isophorone	7.610	82	569628	28.722	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	48227	9.059	ng	# 26
57) 2,4-Dinitrotoluene	10.098	165	48227	6.934	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	19778	3.173	ng	# 1
77) Benzidine	13.180	184	14676	2.071	ng	# 92

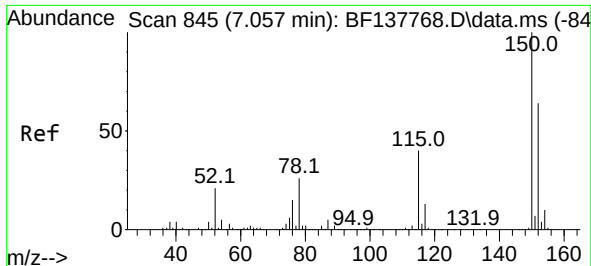
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

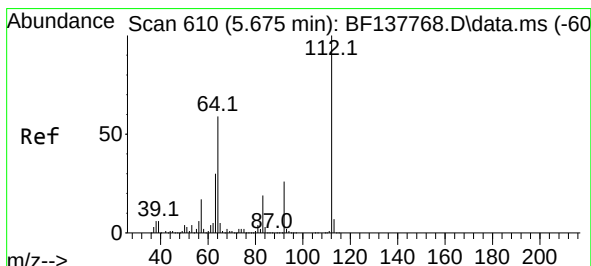
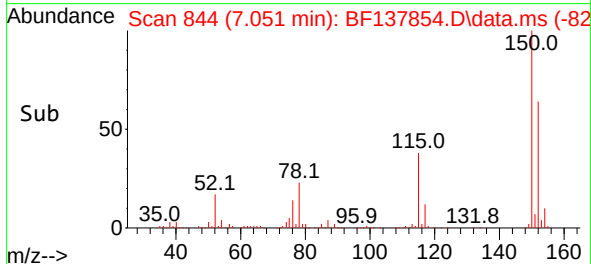
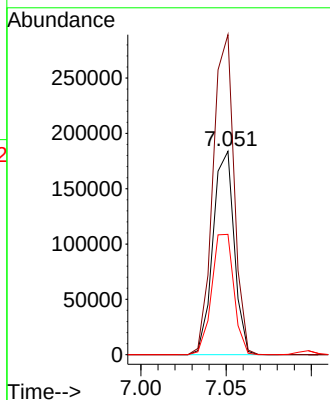
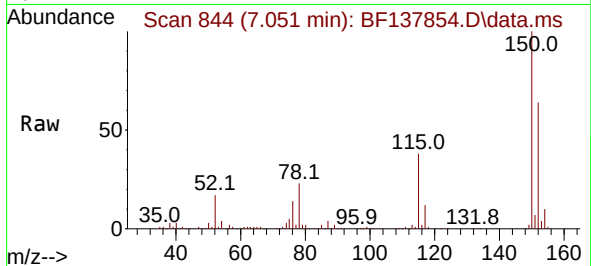




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137854.D
Acq: 08 May 2024 14:43

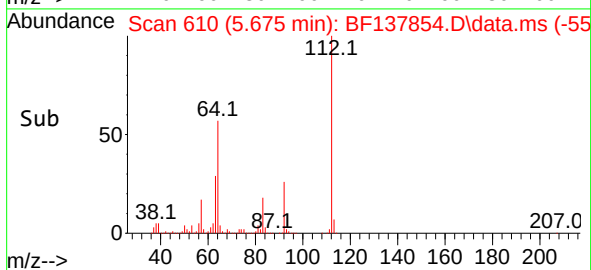
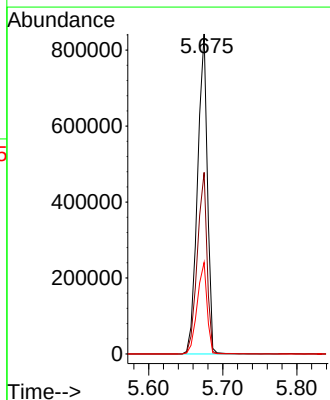
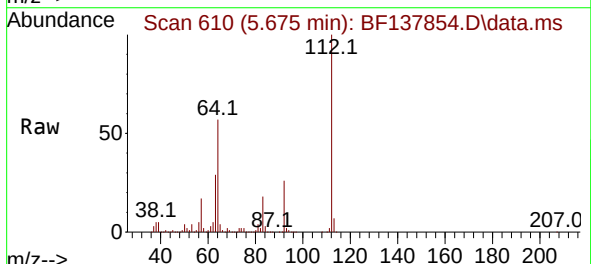
Instrument :
BNA_F
ClientSampleId :
WC-EE

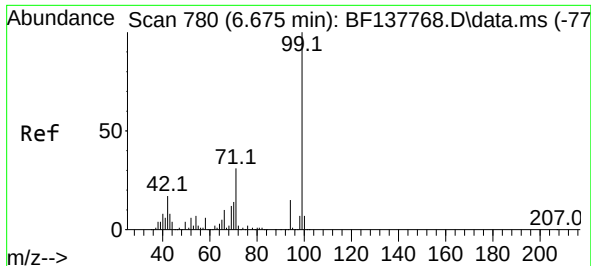
Tgt Ion:152 Resp: 159461
Ion Ratio Lower Upper
152 100
150 157.3 124.1 186.1
115 59.2 49.1 73.7



#5
2-Fluorophenol
Concen: 81.696 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137854.D
Acq: 08 May 2024 14:43

Tgt Ion:112 Resp: 778083
Ion Ratio Lower Upper
112 100
64 56.7 47.3 70.9
63 28.6 23.7 35.5

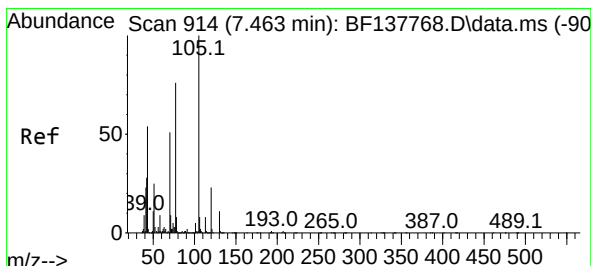
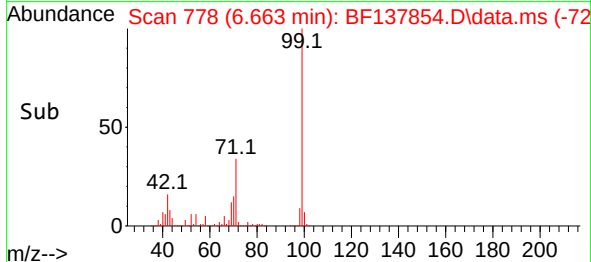
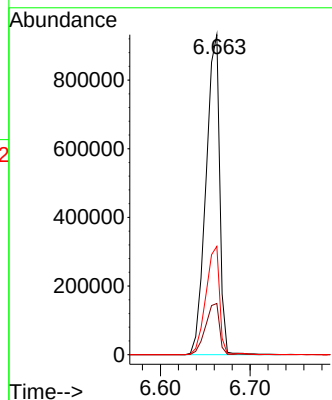
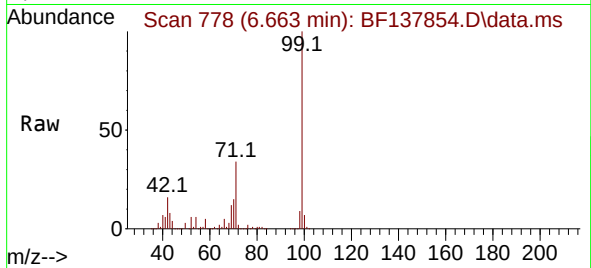




#7
Phenol-d6
Concen: 81.582 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137854.D
Acq: 08 May 2024 14:43

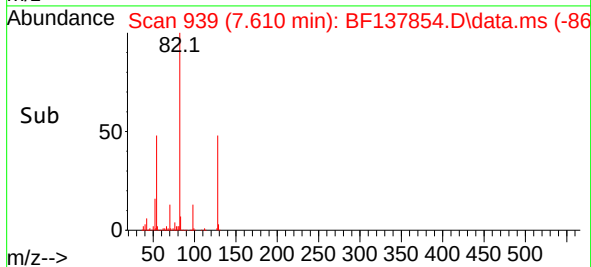
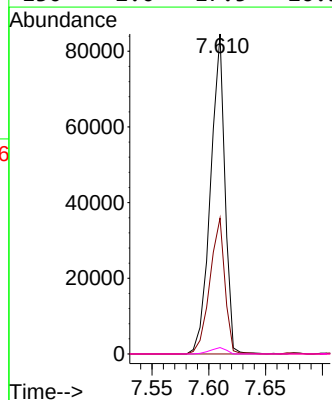
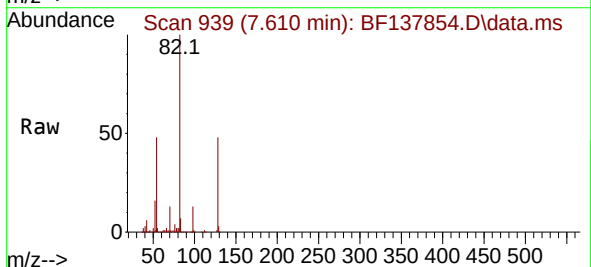
Instrument :
BNA_F
ClientSampleId :
WC-EE

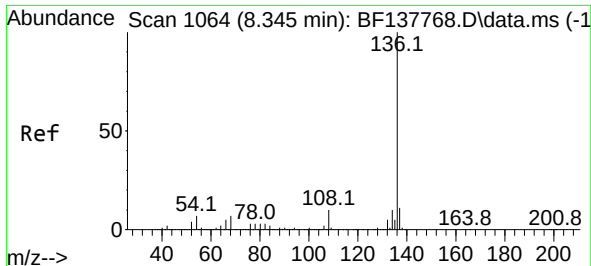
Tgt Ion: 99 Resp: 985538
Ion Ratio Lower Upper
99 100
42 16.0 13.2 19.8
71 33.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.301 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137854.D
Acq: 08 May 2024 14:43

Tgt Ion: 70 Resp: 74370
Ion Ratio Lower Upper
70 100
42 42.5 44.6 66.8#
101 0.0 7.8 11.6#
130 2.0 17.5 26.3#



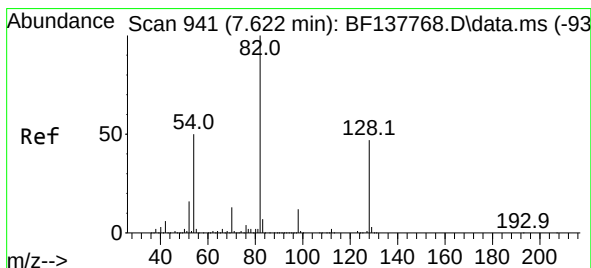
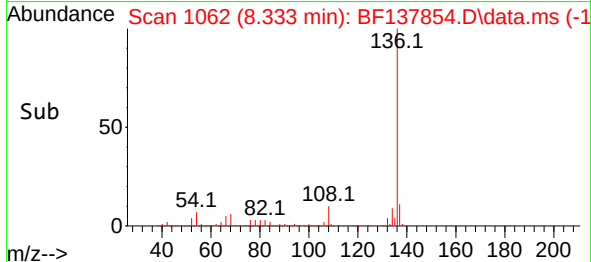
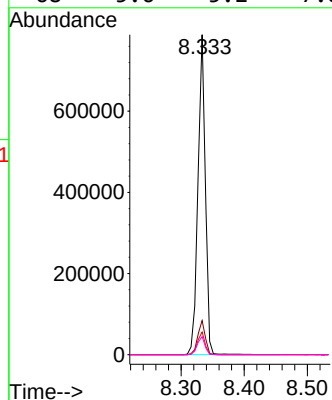
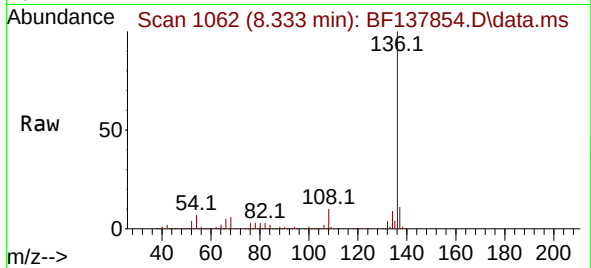


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137854.D
Acq: 08 May 2024 14:43

Instrument :
BNA_F
ClientSampleId :
WC-EE

Tgt Ion:136 Resp: 639066

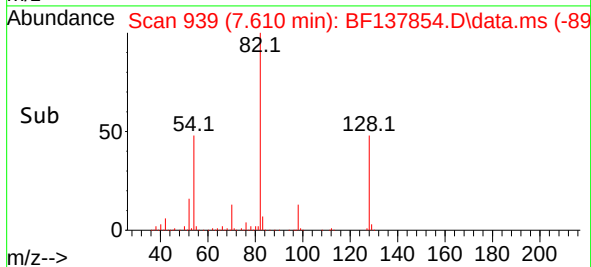
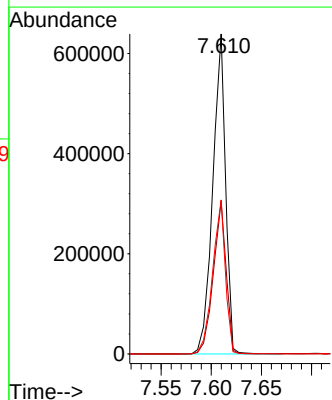
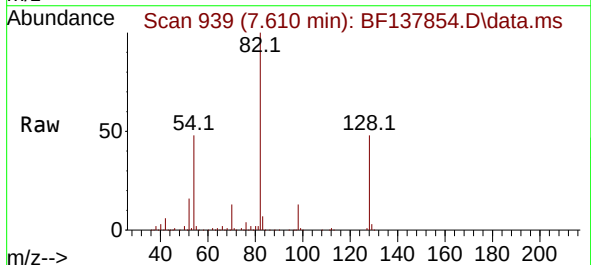
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.1	5.8	8.8
68	5.6	5.2	7.8

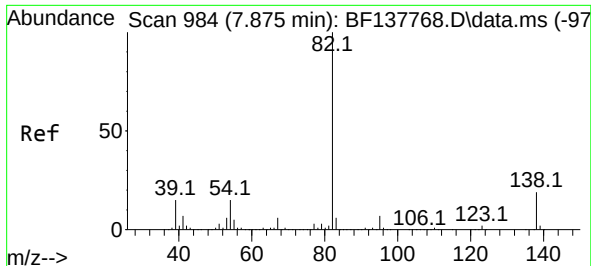


#23
Nitrobenzene-d5
Concen: 51.786 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137854.D
Acq: 08 May 2024 14:43

Tgt Ion: 82 Resp: 569634

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.5	56.3
54	48.2	39.8	59.6

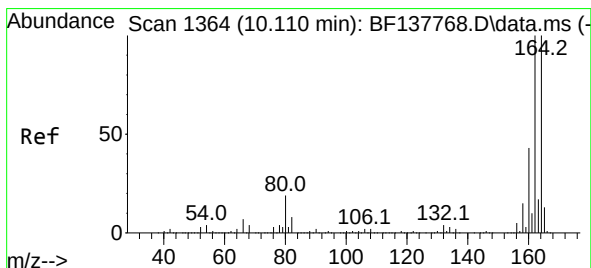
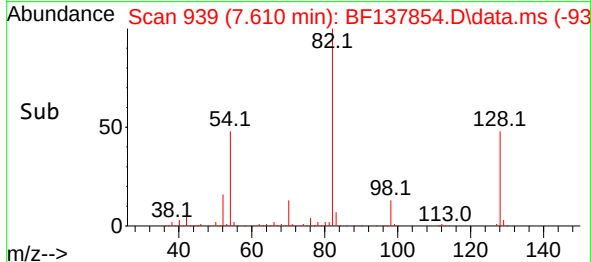
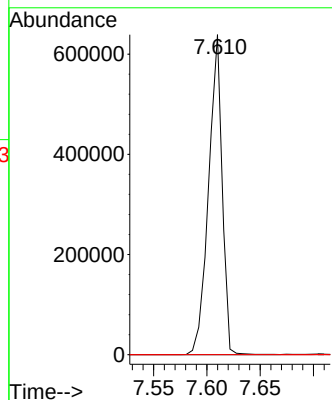
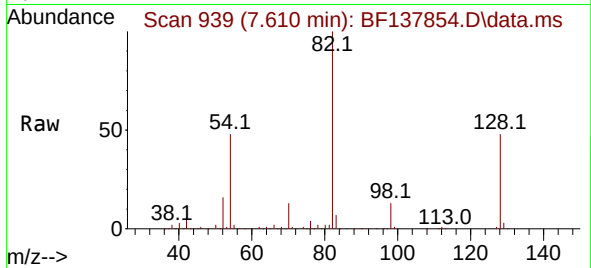




#25
Isophorone
Concen: 28.722 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137854.D
Acq: 08 May 2024 14:43

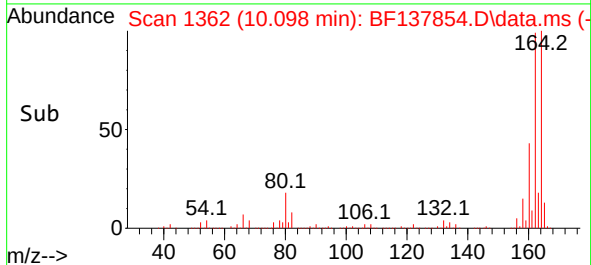
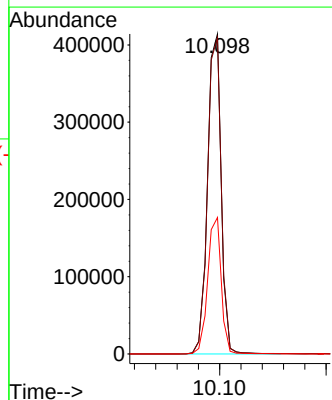
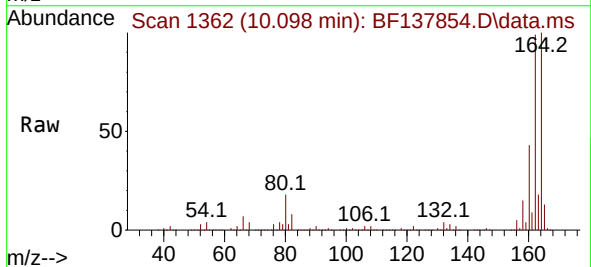
Instrument :
BNA_F
ClientSampleId :
WC-EE

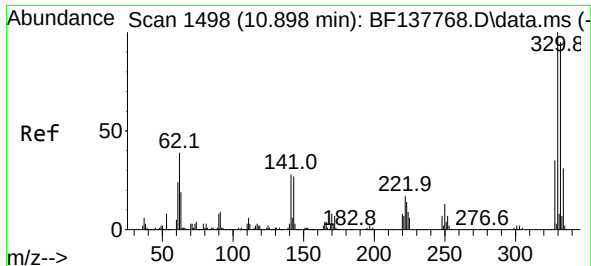
Tgt Ion: 82 Resp: 569628
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137854.D
Acq: 08 May 2024 14:43

Tgt Ion:164 Resp: 368996
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.6
160 42.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 78.852 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137854.D

Acq: 08 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

WC-EE

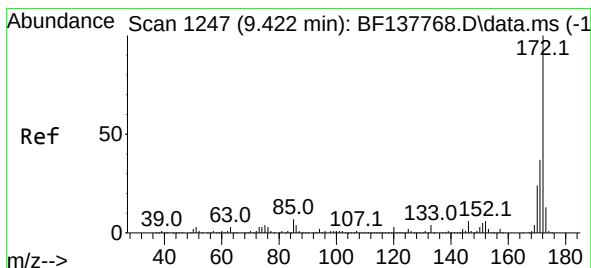
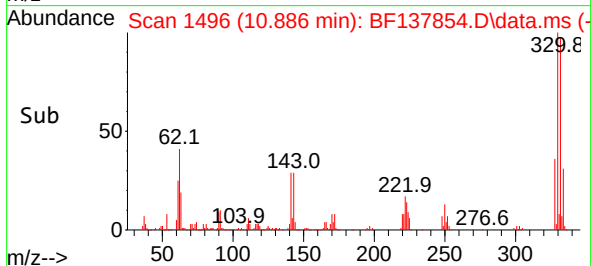
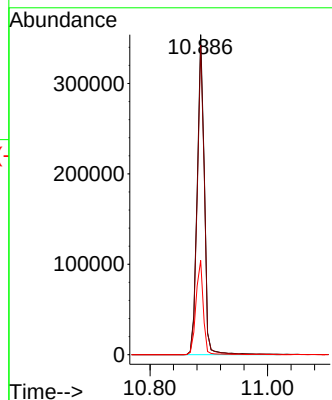
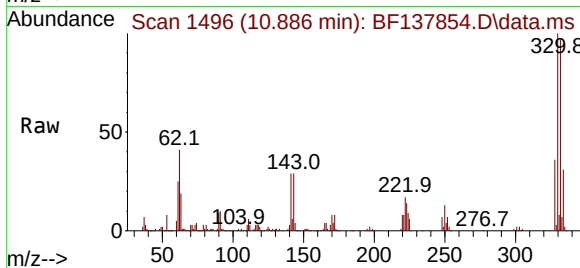
Tgt Ion:330 Resp: 297079

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 30.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 53.938 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137854.D

Acq: 08 May 2024 14:43

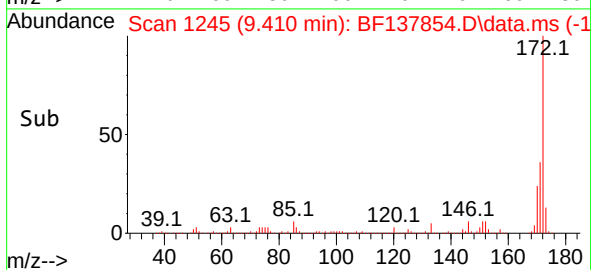
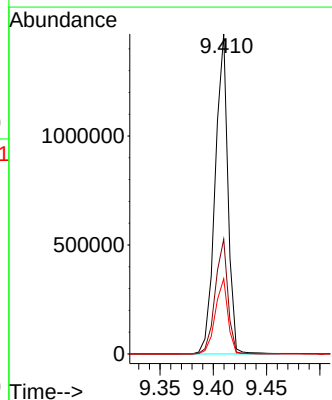
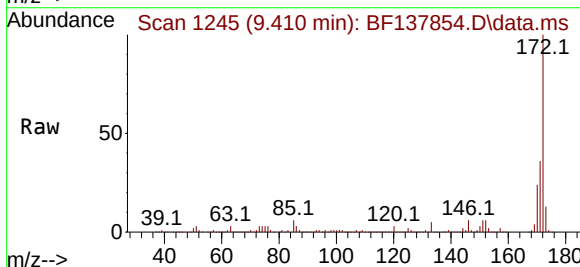
Tgt Ion:172 Resp: 1226791

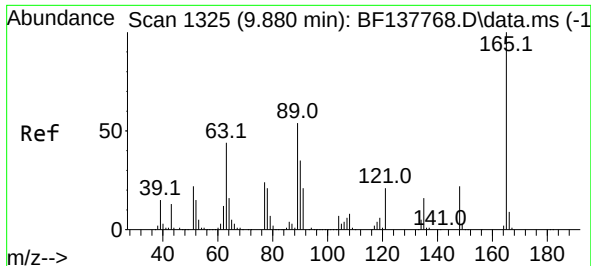
Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

170 23.5 19.4 29.2

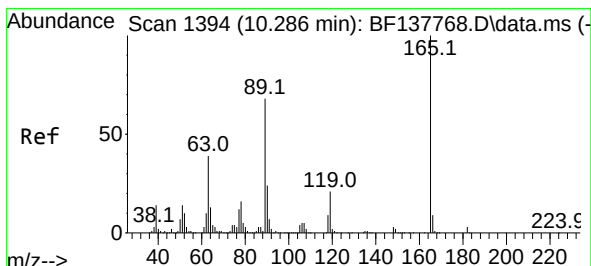
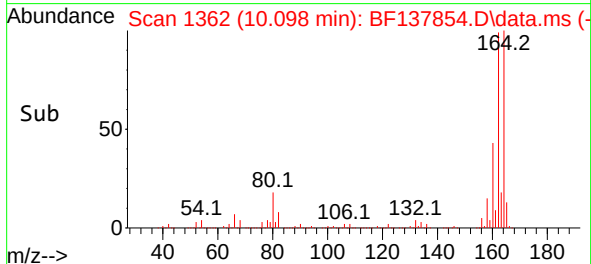
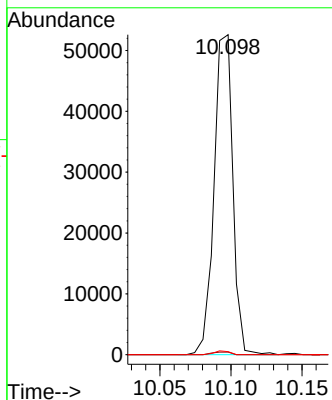
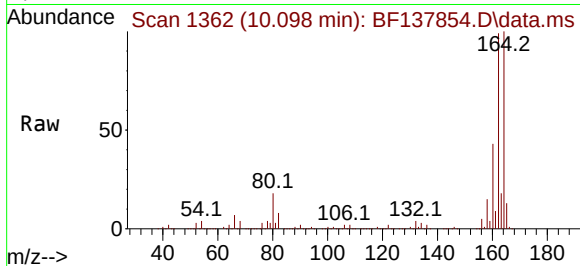




#51
2,6-Dinitrotoluene
Concen: 9.059 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.217 min
Lab File: BF137854.D
Acq: 08 May 2024 14:43

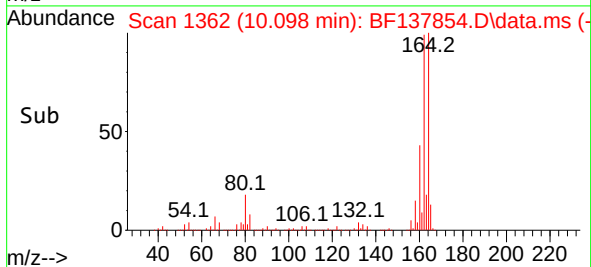
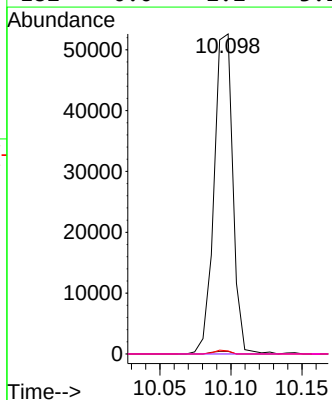
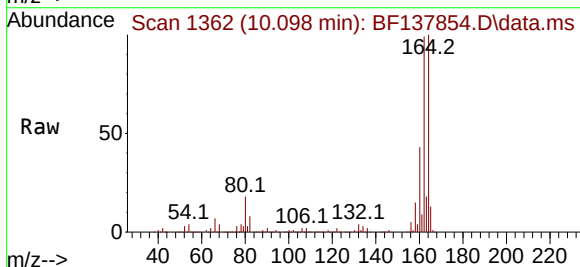
Instrument :
BNA_F
ClientSampleId :
WC-EE

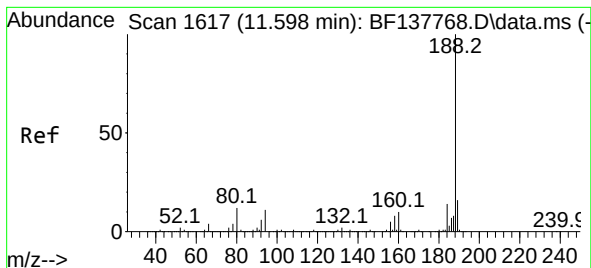
Tgt Ion:165 Resp: 48227
Ion Ratio Lower Upper
165 100
63 0.8 41.9 62.9#
89 1.0 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.934 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137854.D
Acq: 08 May 2024 14:43

Tgt Ion:165 Resp: 48227
Ion Ratio Lower Upper
165 100
63 0.8 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: 11.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137854.D

Acq: 08 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

WC-EE

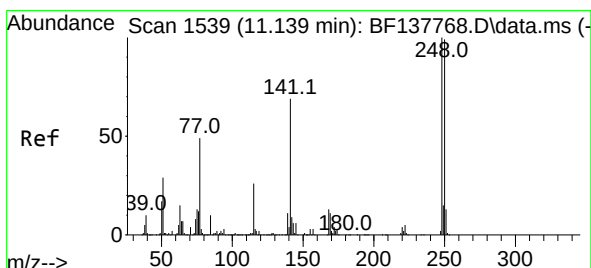
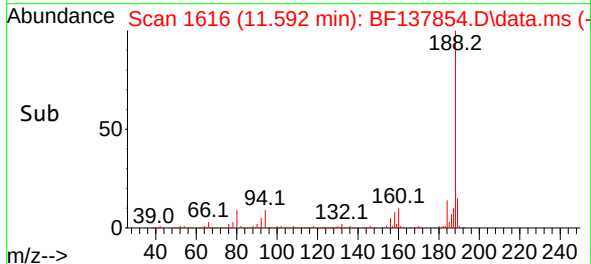
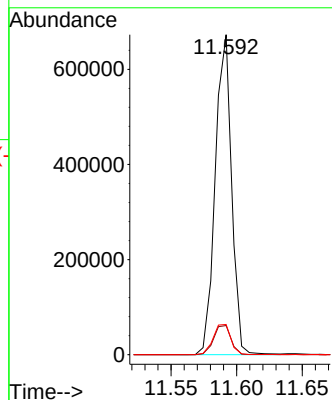
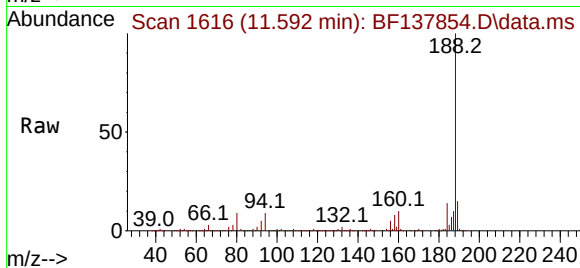
Tgt Ion:188 Resp: 582437

Ion Ratio Lower Upper

188 100

94 9.1 8.8 13.2

80 9.5 9.6 14.4#



#67

4-Bromophenyl-phenylether

Concen: 3.173 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.253 min

Lab File: BF137854.D

Acq: 08 May 2024 14:43

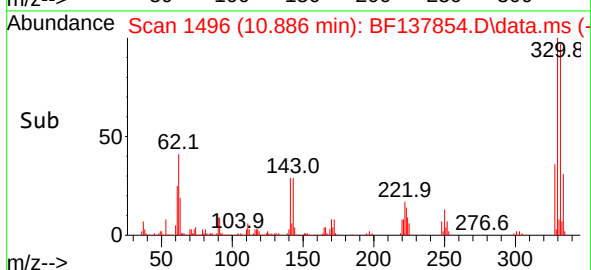
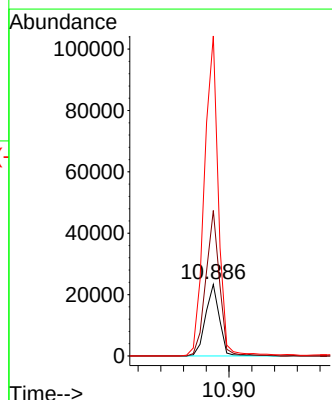
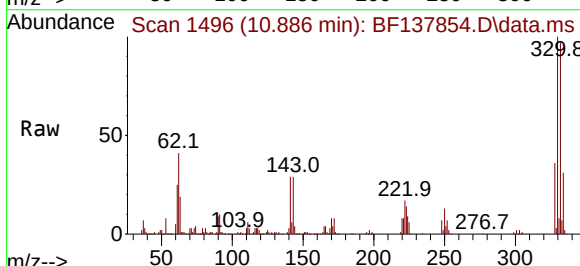
Tgt Ion:248 Resp: 19778

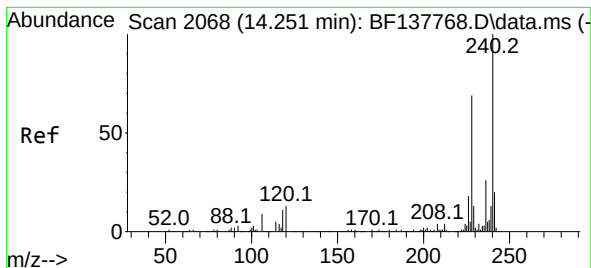
Ion Ratio Lower Upper

248 100

250 203.3 79.1 118.7#

141 447.2 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: BF137854.D

Acq: 08 May 2024 14:43

Instrument :

BNA_F

ClientSampleId :

WC-EE

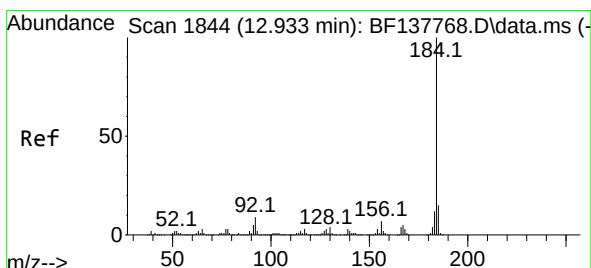
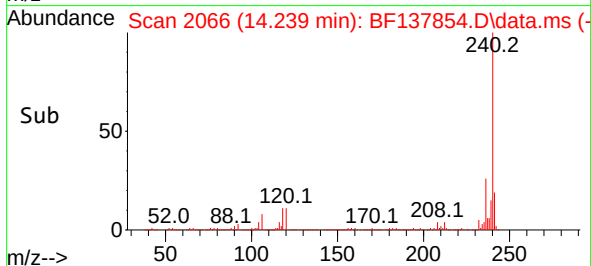
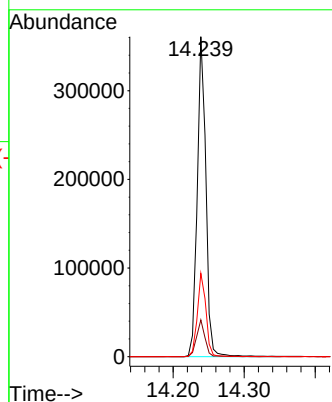
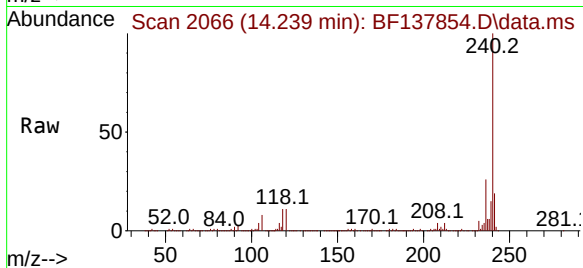
Tgt Ion:240 Resp: 306421

Ion Ratio Lower Upper

240 100

120 11.5 10.4 15.6

236 26.0 20.4 30.6



#77

Benzidine

Concen: 2.071 ng

RT: 13.180 min Scan# 1886

Delta R.T. 0.247 min

Lab File: BF137854.D

Acq: 08 May 2024 14:43

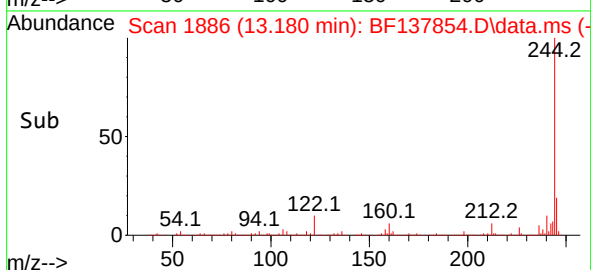
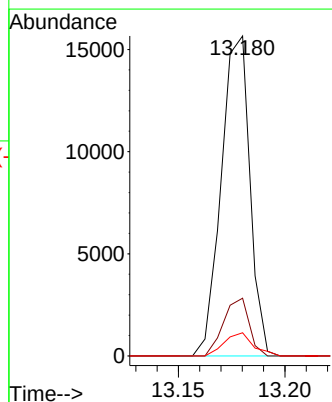
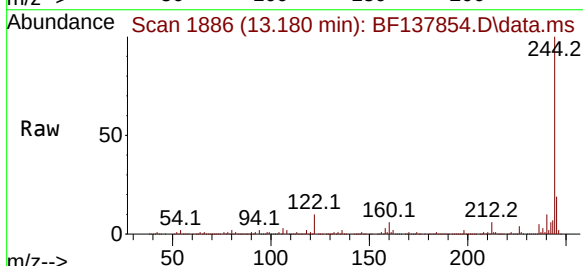
Tgt Ion:184 Resp: 14676

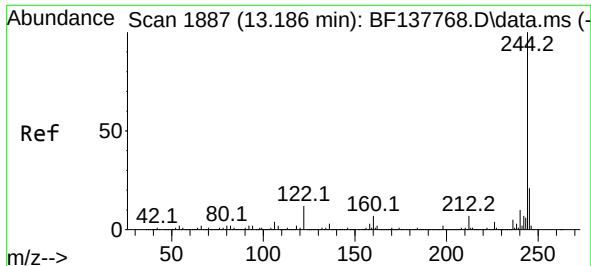
Ion Ratio Lower Upper

184 100

185 18.0 12.3 18.5

183 7.2 9.2 13.8#

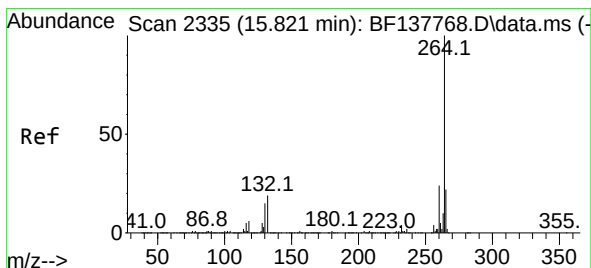
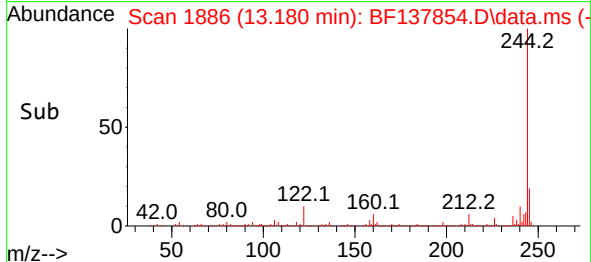
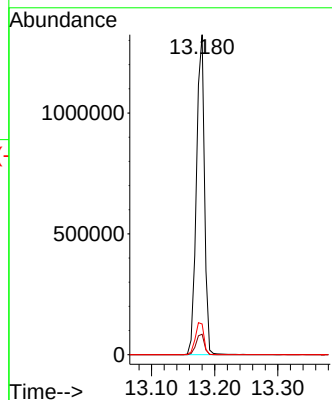
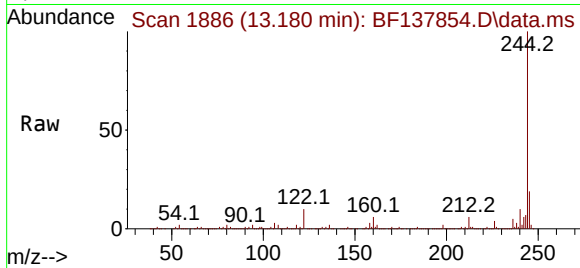




#79
 Terphenyl-d14
 Concen: 63.796 ng
 RT: 13.180 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137854.D
 Acq: 08 May 2024 14:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-EE

Tgt Ion:244 Resp: 1166479
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 9.6 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.809 min Scan# 2333
 Delta R.T. -0.012 min
 Lab File: BF137854.D
 Acq: 08 May 2024 14:43

Tgt Ion:264 Resp: 309186
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.2 17.4 26.0

