

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050824\
 Data File : BF137853.D
 Acq On : 08 May 2024 14:12
 Operator : CG\JU
 Sample : P2413-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CC

Quant Time: May 08 14:48:52 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)

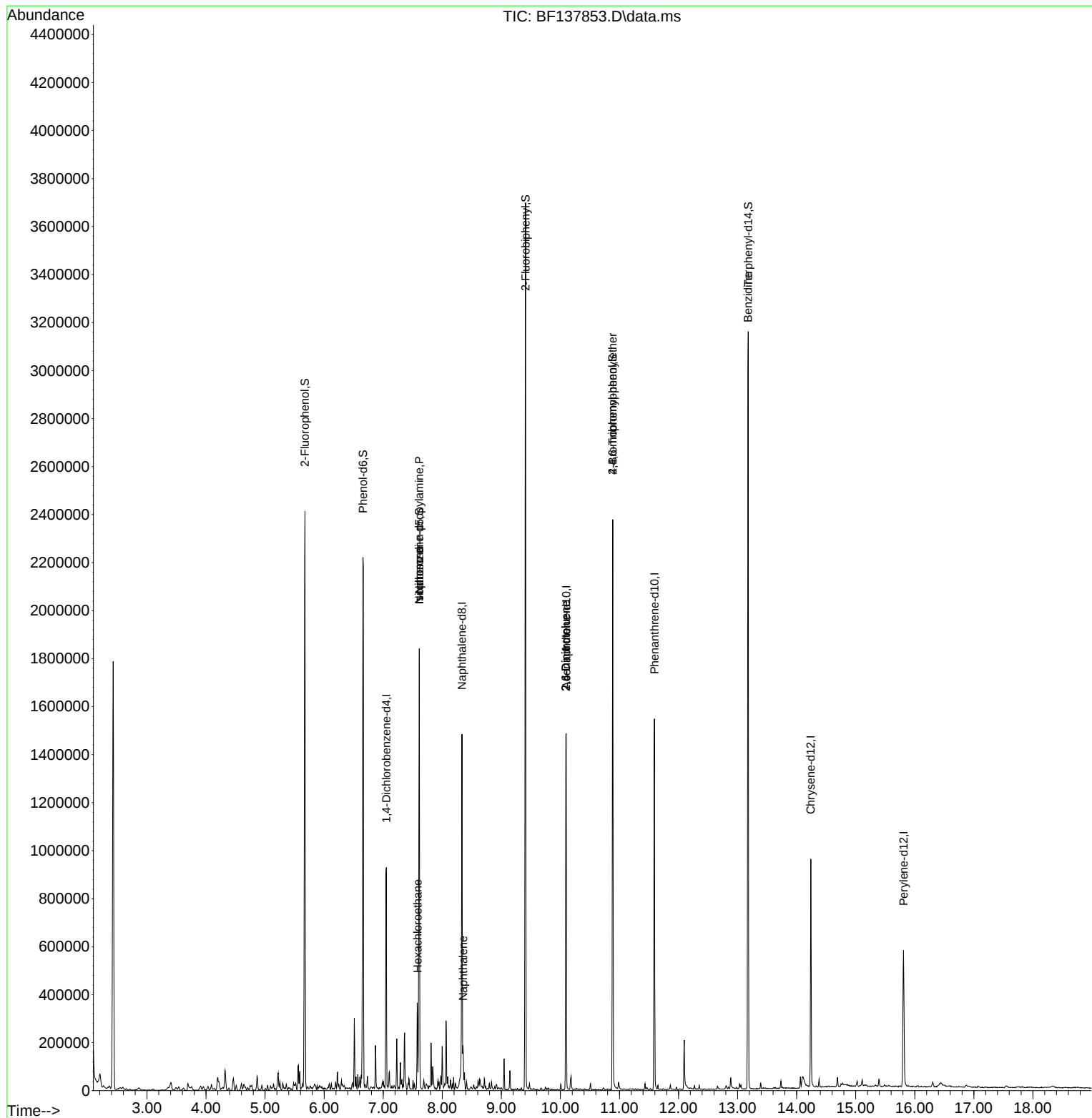
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	142665	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	567252	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	331825	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	556764	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	300102	20.000	ng	-0.01
86) Perylene-d12	15.810	264	283656	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	710626	83.398	ng	0.00
7) Phenol-d6	6.657	99	894033	82.720	ng	-0.02
23) Nitrobenzene-d5	7.610	82	524942	53.765	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	274304	80.963	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1138427	55.660	ng	-0.01
79) Terphenyl-d14	13.180	244	1164227	65.014	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.581	117	22553	6.349	ng	# 1
19) n-Nitroso-di-n-propyla...	7.610	70	69841	10.813	ng	# 76
25) Isophorone	7.610	82	524016	29.767	ng	# 64
31) Naphthalene	8.351	128	56778	2.014	ng	97
51) 2,6-Dinitrotoluene	10.092	165	43656	9.119	ng	# 27
57) 2,4-Dinitrotoluene	10.092	165	43656	6.980	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	17551	2.945	ng	# 1
77) Benzidine	13.174	184	14530	2.093	ng	# 92

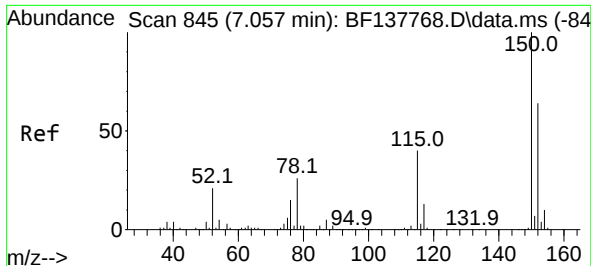
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

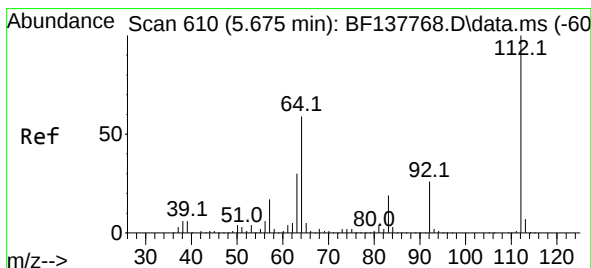
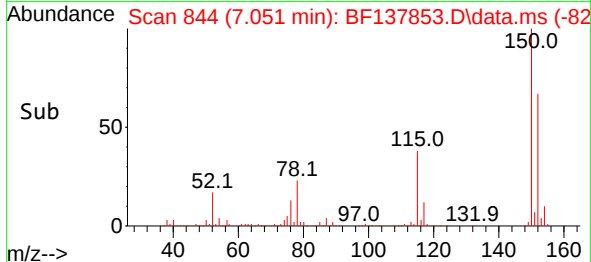
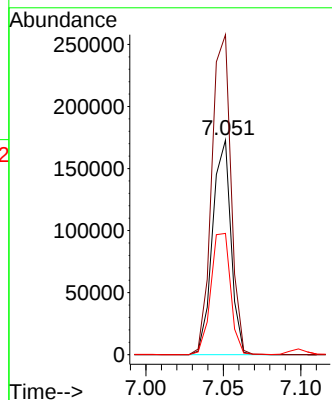
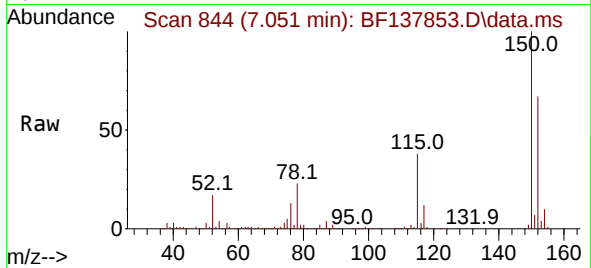




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

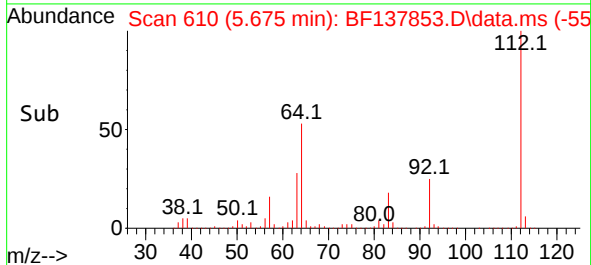
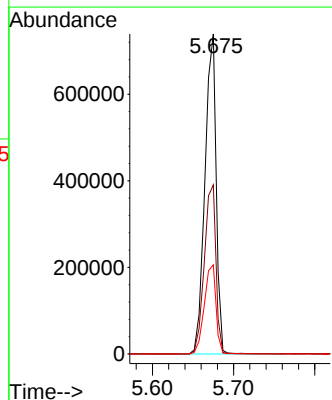
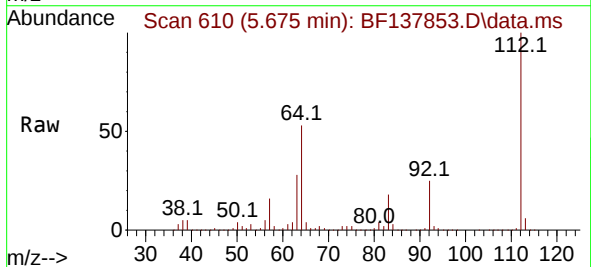
Instrument :
BNA_F
ClientSampleId :
WC-CC

Tgt Ion:152 Resp: 142665
Ion Ratio Lower Upper
152 100
150 149.1 124.1 186.1
115 56.5 49.1 73.7



#5
2-Fluorophenol
Concen: 83.398 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.000 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

Tgt Ion:112 Resp: 710626
Ion Ratio Lower Upper
112 100
64 52.8 47.3 70.9
63 27.8 23.7 35.5

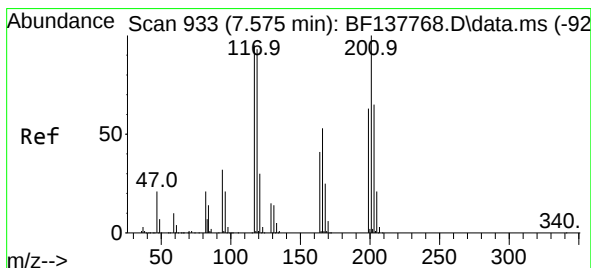
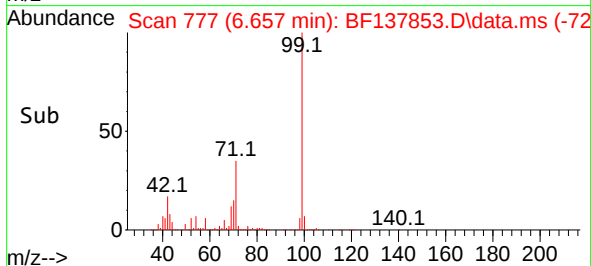
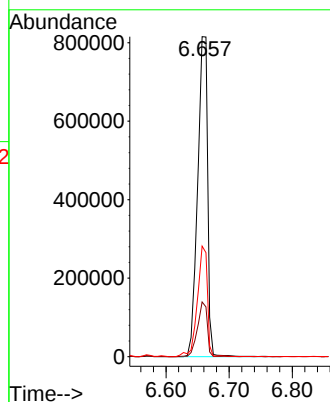
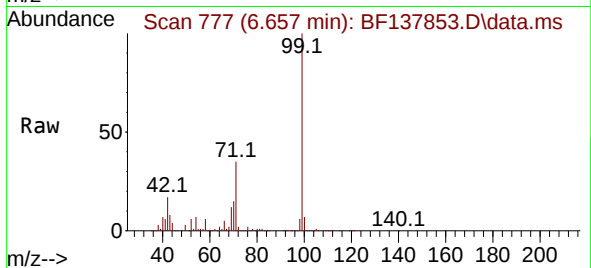




#7
Phenol-d6
Concen: 82.720 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

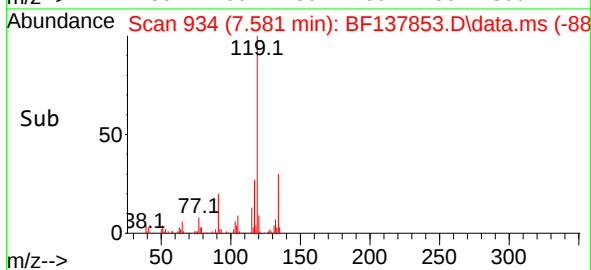
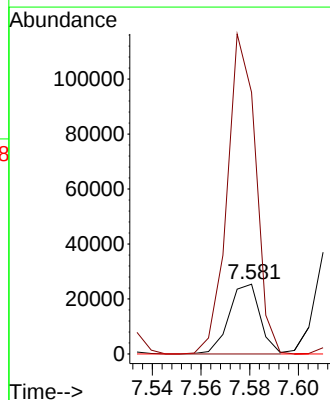
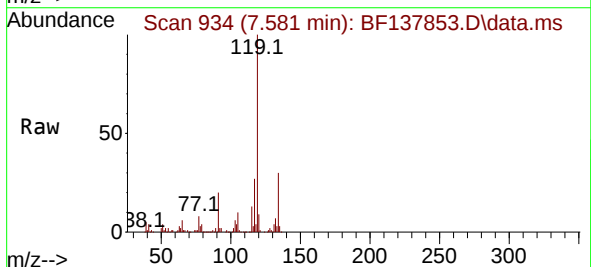
Instrument :
BNA_F
ClientSampleId :
WC-CC

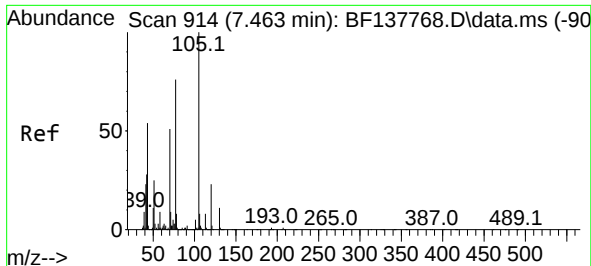
Tgt Ion: 99 Resp: 894033
Ion Ratio Lower Upper
99 100
42 17.1 13.2 19.8
71 34.6 25.0 37.4



#18
Hexachloroethane
Concen: 6.349 ng
RT: 7.581 min Scan# 934
Delta R.T. 0.006 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

Tgt Ion: 117 Resp: 22553
Ion Ratio Lower Upper
117 100
119 375.3 77.6 116.4#
201 0.0 83.8 125.8#

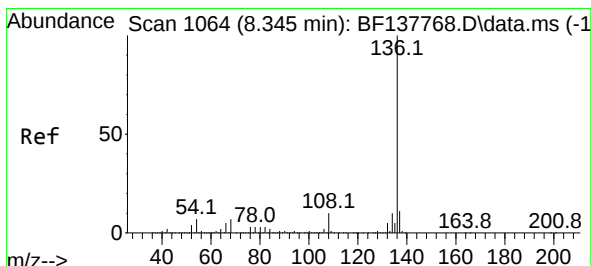
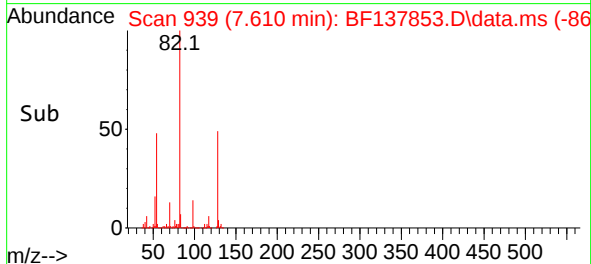
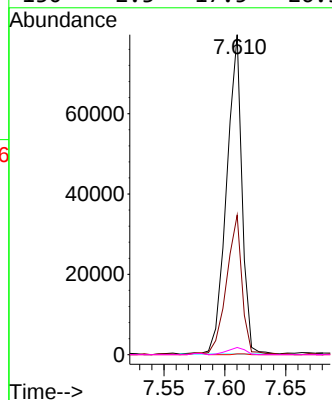
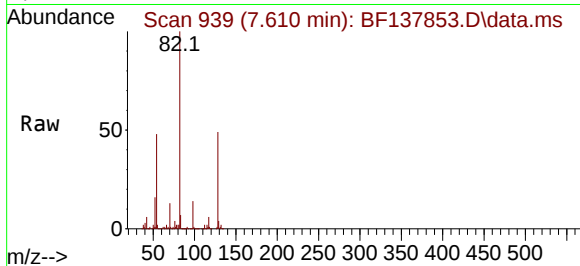




#19
n-Nitroso-di-n-propylamine
Concen: 10.813 ng
RT: 7.610 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

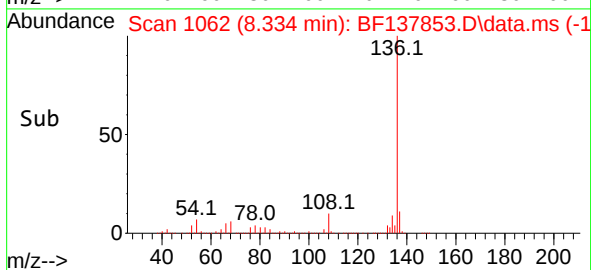
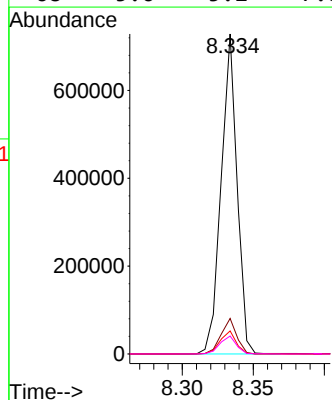
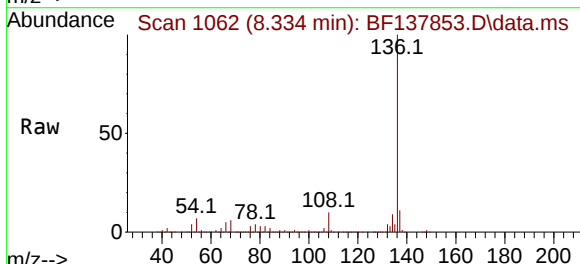
Instrument :
BNA_F
ClientSampleId :
WC-CC

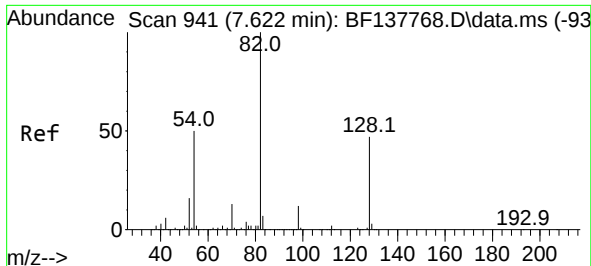
Tgt Ion:	70	Resp:	69841
Ion	Ratio	Lower	Upper
70	100		
42	43.6	44.6	66.8#
101	0.2	7.8	11.6#
130	2.3	17.5	26.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

Tgt Ion:	136	Resp:	567252
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.2	5.8	8.8
68	5.6	5.2	7.8





#23

Nitrobenzene-d5

Concen: 53.765 ng

RT: 7.610 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

Instrument :

BNA_F

ClientSampleId :

WC-CC

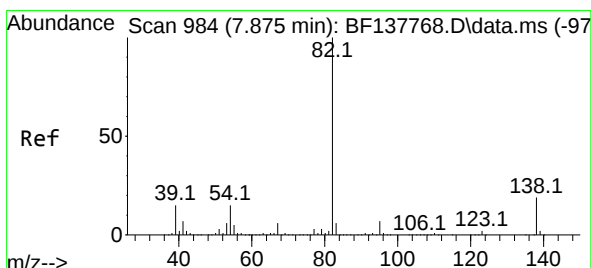
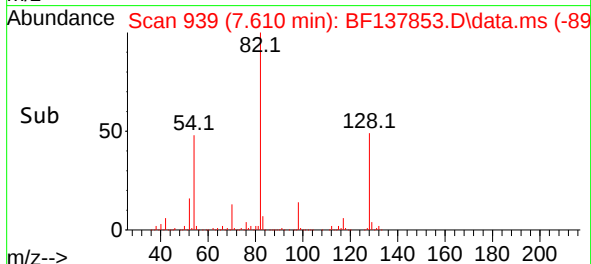
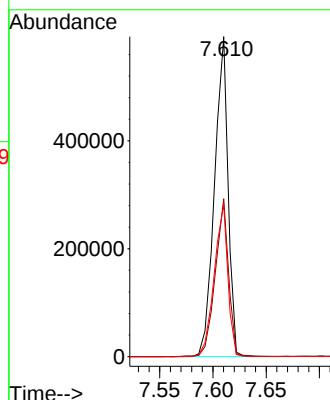
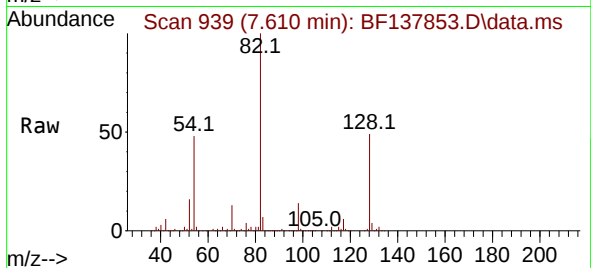
Tgt Ion: 82 Resp: 524942

Ion Ratio Lower Upper

82 100

128 49.3 37.5 56.3

54 47.6 39.8 59.6



#25

Isophorone

Concen: 29.767 ng

RT: 7.610 min Scan# 939

Delta R.T. -0.265 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

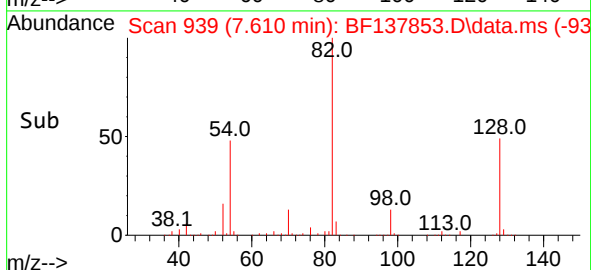
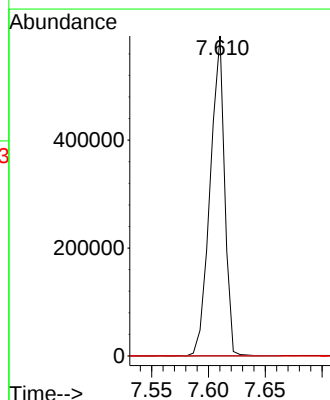
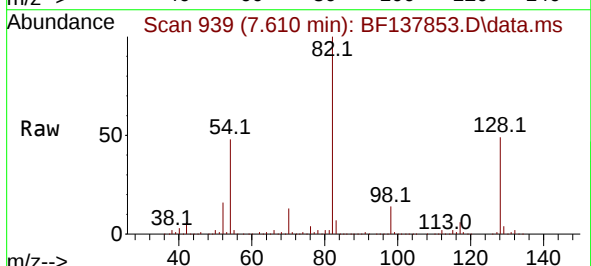
Tgt Ion: 82 Resp: 524016

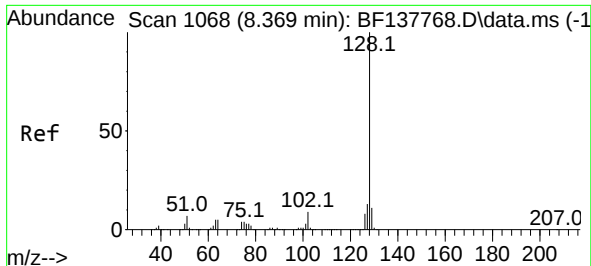
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.0 22.6#

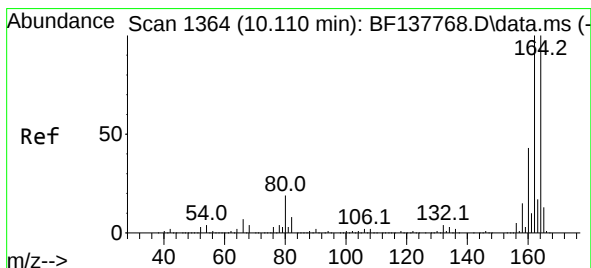
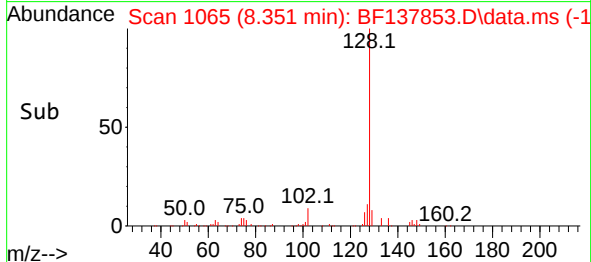
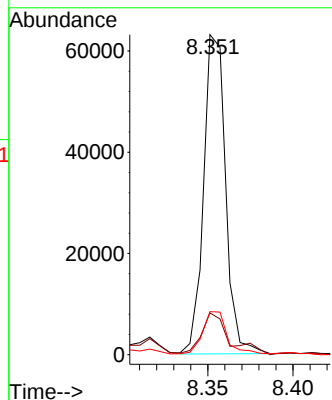
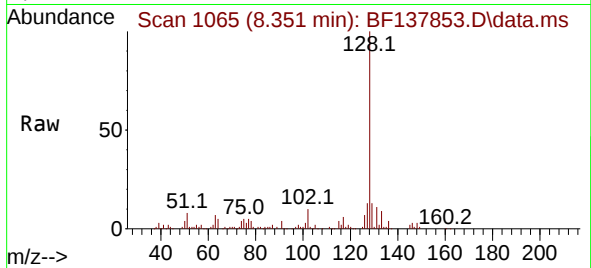




#31
Naphthalene
Concen: 2.014 ng
RT: 8.351 min Scan# 1065
Delta R.T. -0.018 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

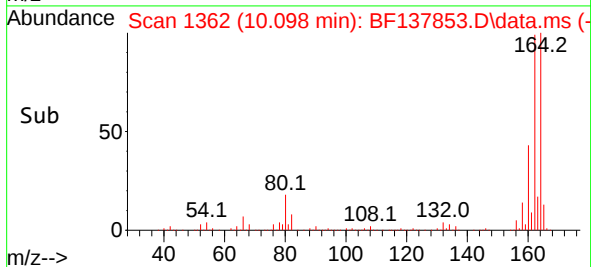
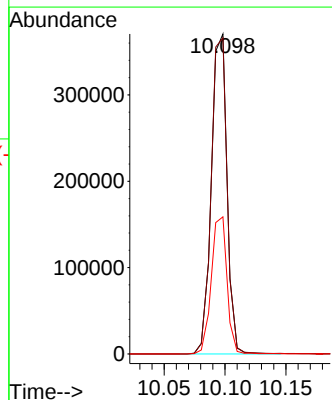
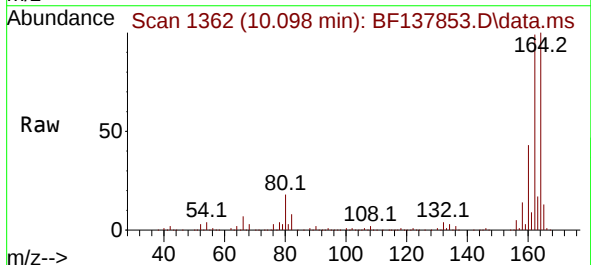
Instrument :
BNA_F
ClientSampleId :
WC-CC

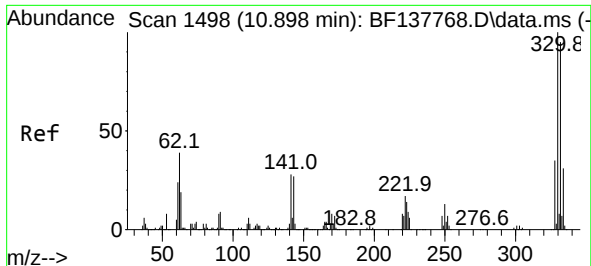
Tgt Ion:128 Resp: 56778
Ion Ratio Lower Upper
128 100
129 13.1 8.8 13.2
127 13.5 10.6 16.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

Tgt Ion:164 Resp: 331825
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.6
160 42.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 80.963 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.012 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

Instrument :

BNA_F

ClientSampleId :

WC-CC

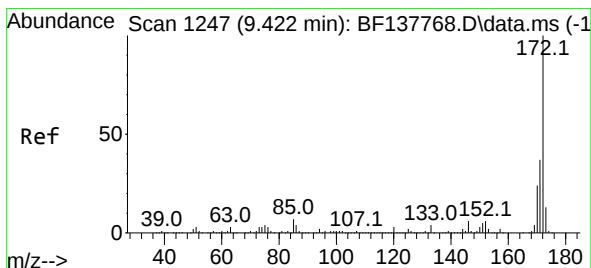
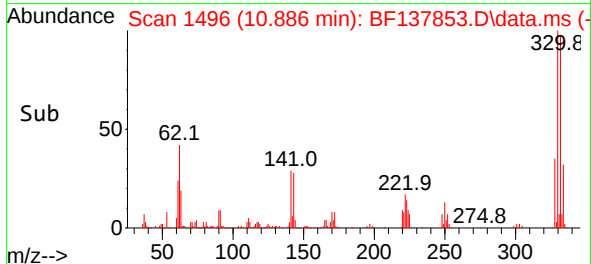
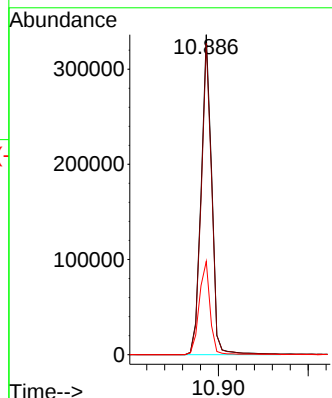
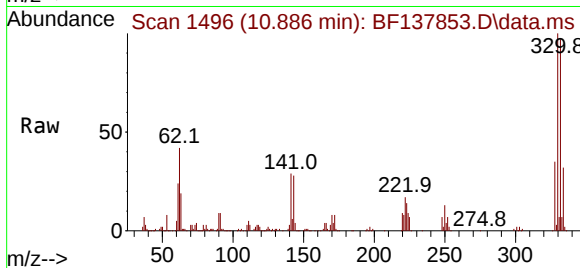
Tgt Ion:330 Resp: 274304

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

141 30.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 55.660 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

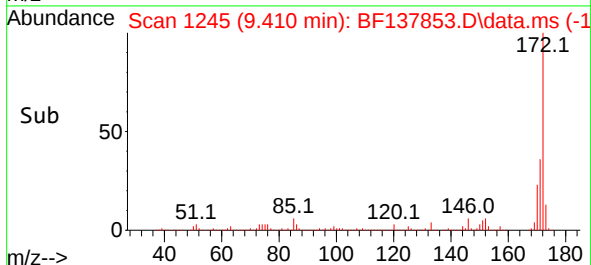
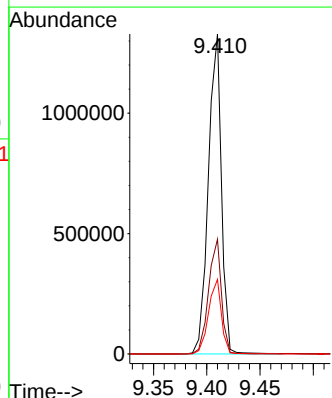
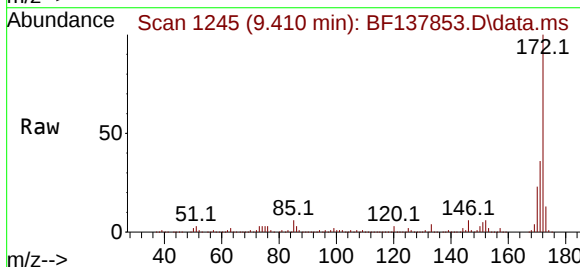
Tgt Ion:172 Resp: 1138427

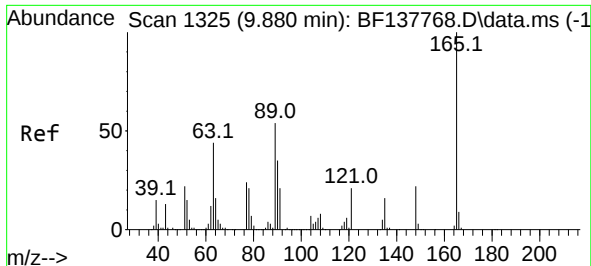
Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

170 23.3 19.4 29.2

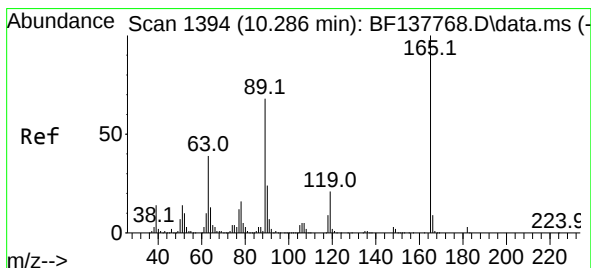
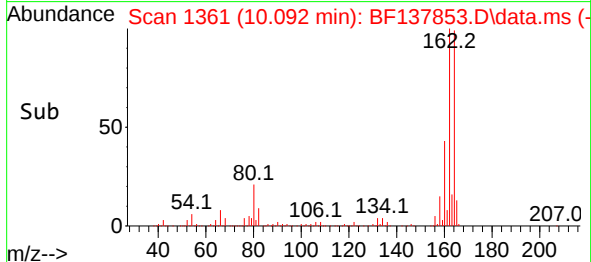
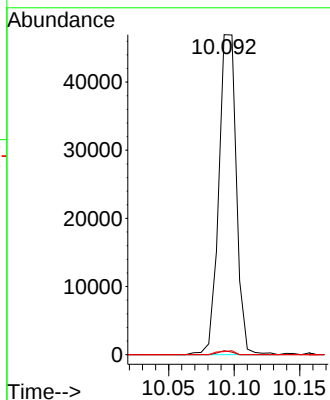
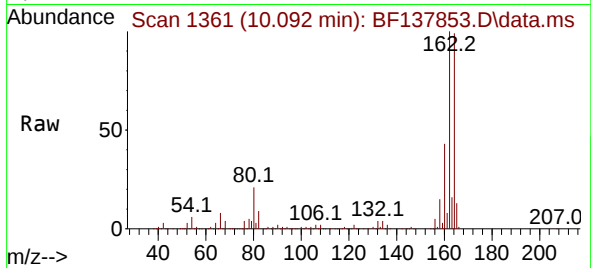




#51
2,6-Dinitrotoluene
Concen: 9.119 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

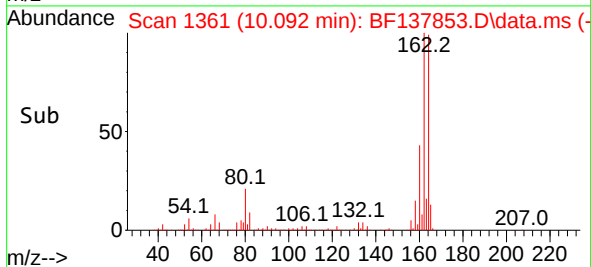
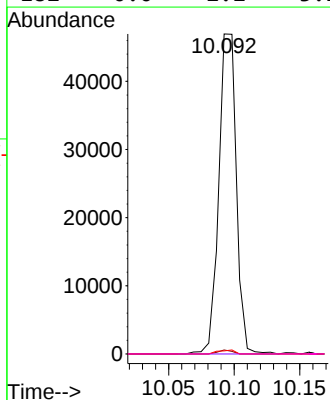
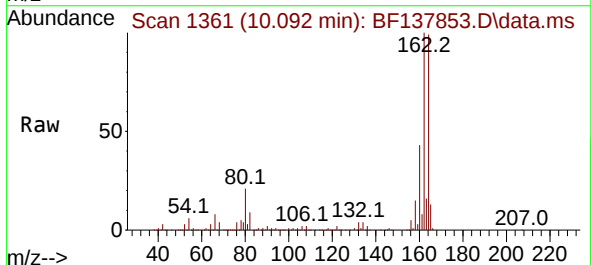
Instrument :
BNA_F
ClientSampleId :
WC-CC

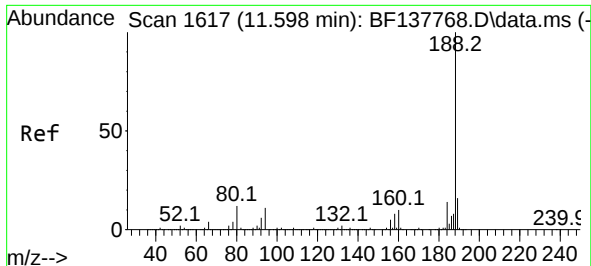
Tgt Ion:165 Resp: 43656
Ion Ratio Lower Upper
165 100
63 1.3 41.9 62.9#
89 0.9 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.980 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

Tgt Ion:165 Resp: 43656
Ion Ratio Lower Upper
165 100
63 1.3 31.3 46.9#
89 0.9 54.2 81.4#
182 0.0 2.2 3.2#

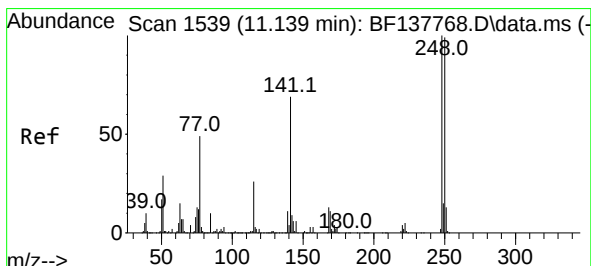
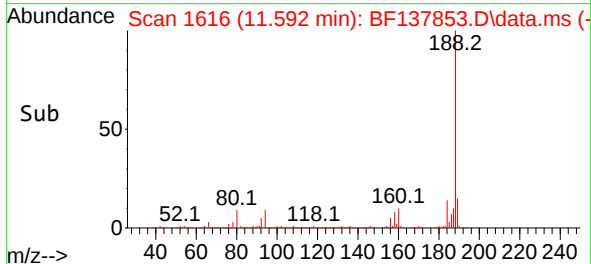
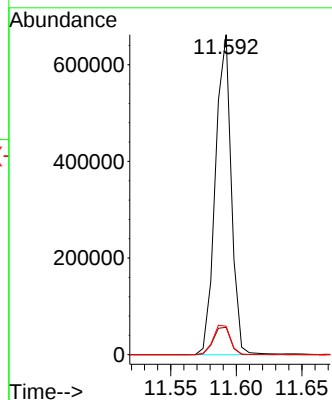
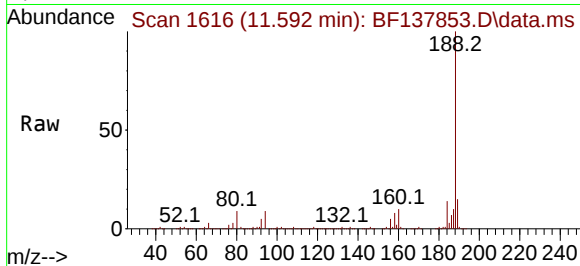




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

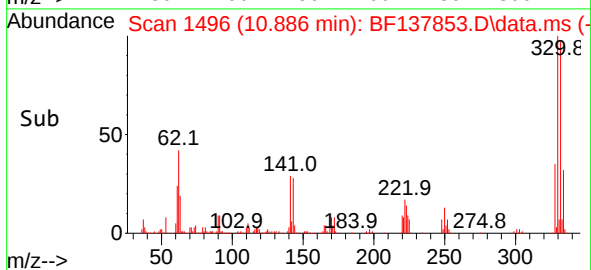
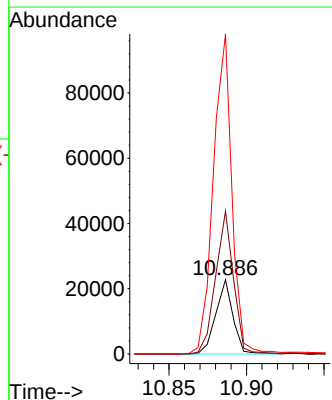
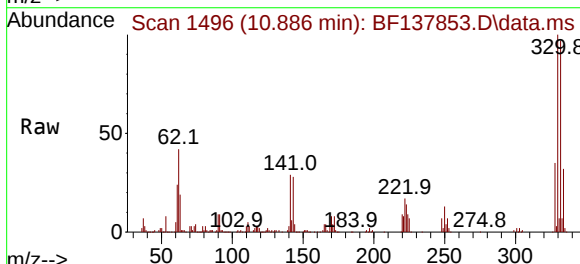
Instrument :
BNA_F
ClientSampleId :
WC-CC

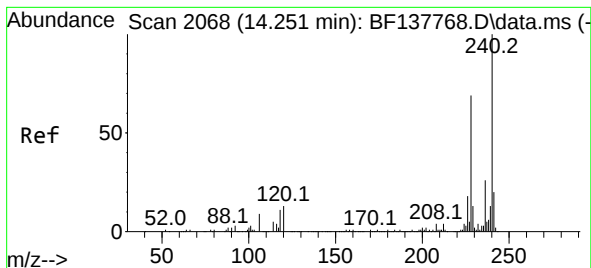
Tgt Ion:188 Resp: 556764
Ion Ratio Lower Upper
188 100
94 8.5 8.8 13.2#
80 8.9 9.6 14.4#



#67
4-Bromophenyl-phenylether
Concen: 2.945 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF137853.D
Acq: 08 May 2024 14:12

Tgt Ion:248 Resp: 17551
Ion Ratio Lower Upper
248 100
250 192.5 79.1 118.7#
141 431.2 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: BF137853.D

Acq: 08 May 2024 14:12

Instrument :

BNA_F

ClientSampleId :

WC-CC

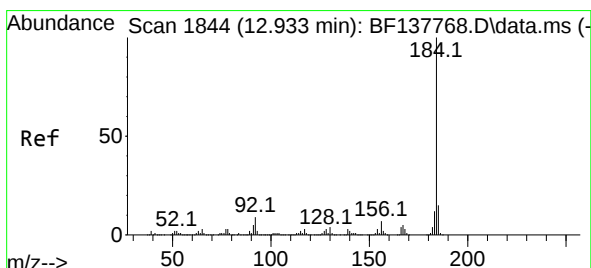
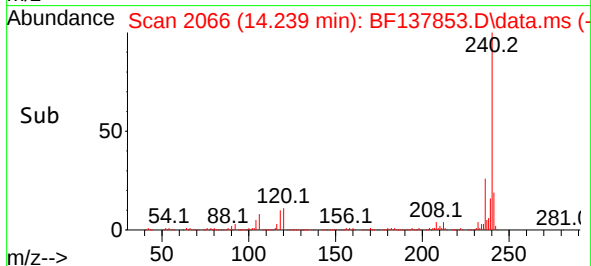
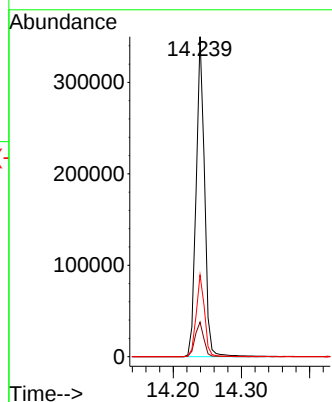
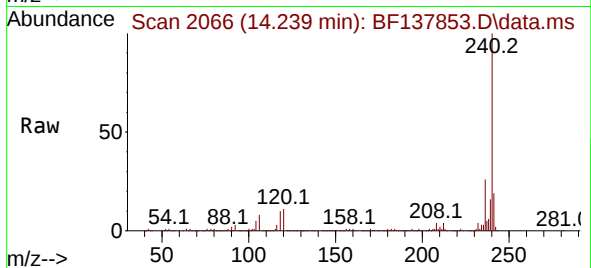
Tgt Ion:240 Resp: 300102

Ion Ratio Lower Upper

240 100

120 10.8 10.4 15.6

236 25.6 20.4 30.6



#77

Benzidine

Concen: 2.093 ng

RT: 13.174 min Scan# 1885

Delta R.T. 0.241 min

Lab File: BF137853.D

Acq: 08 May 2024 14:12

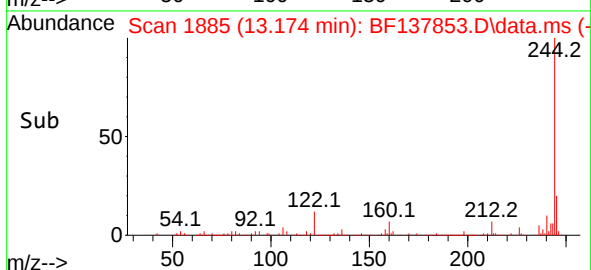
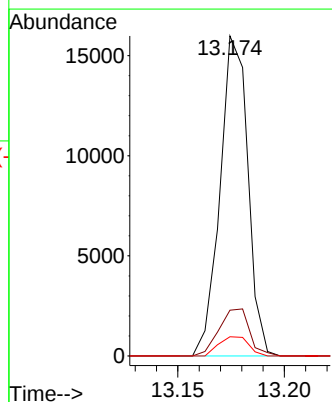
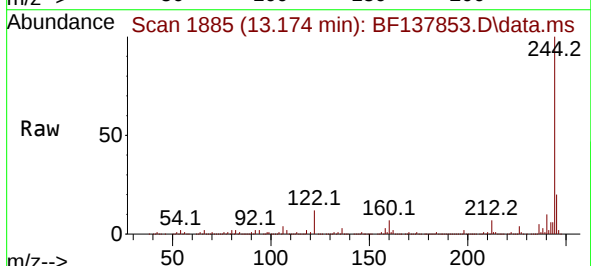
Tgt Ion:184 Resp: 14530

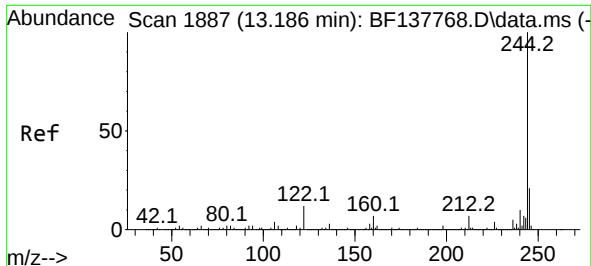
Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

183 6.0 9.2 13.8#

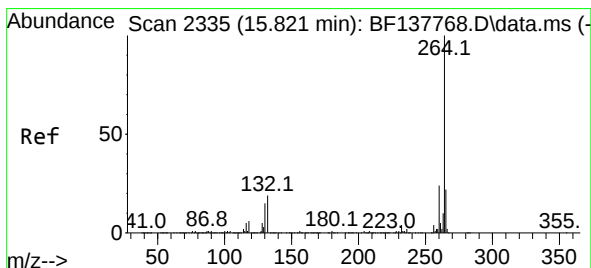
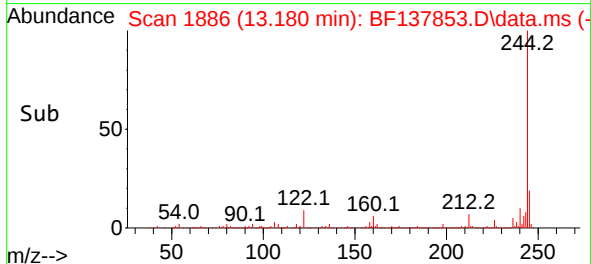
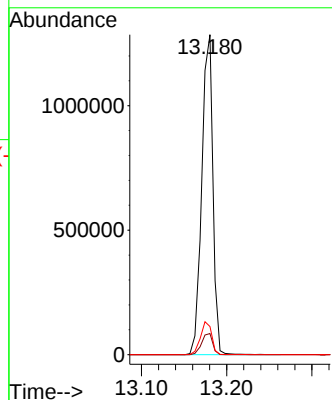
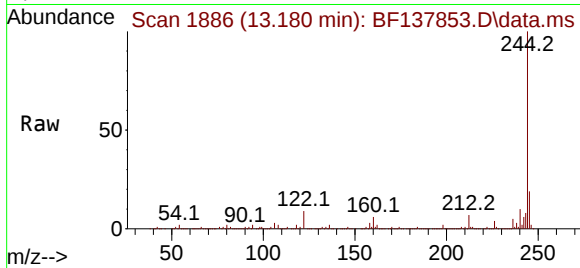




#79
 Terphenyl-d14
 Concen: 65.014 ng
 RT: 13.180 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137853.D
 Acq: 08 May 2024 14:12

Instrument :
 BNA_F
 ClientSampleId :
 WC-CC

Tgt Ion:244 Resp: 1164227
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 8.8 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: BF137853.D
 Acq: 08 May 2024 14:12

Tgt Ion:264 Resp: 283656
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.9 17.4 26.0

