

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137890.D
 Acq On : 10 May 2024 19:52
 Operator : CG\JU
 Sample : P2423-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-GG

Quant Time: May 11 00:42:58 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)

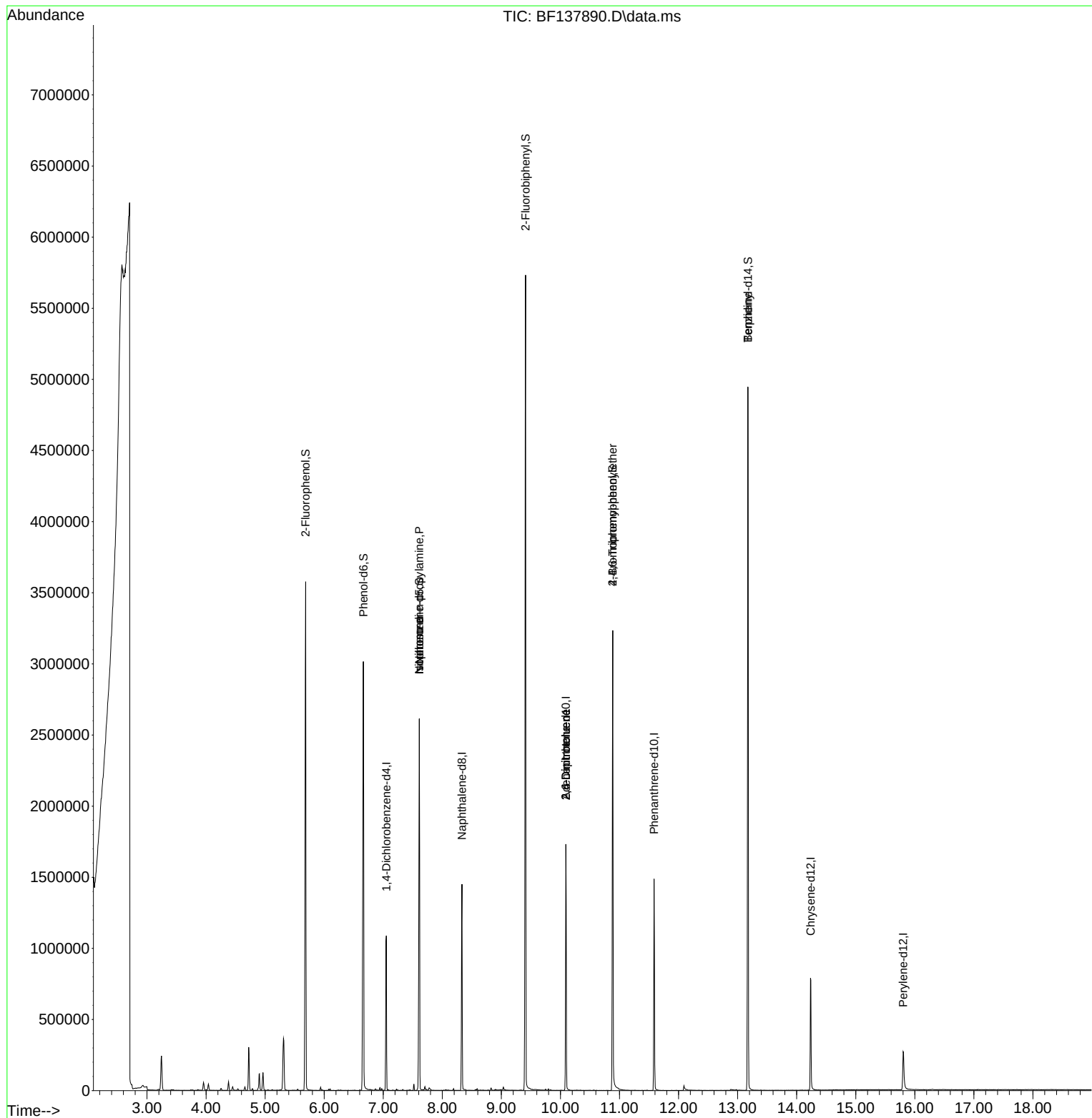
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	168407	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	648661	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	356613	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	529947	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	298696	20.000	ng	#-0.01
86) Perylene-d12	15.804	264	150104	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1065979	105.979	ng	0.01
7) Phenol-d6	6.663	99	1224548	95.982	ng	-0.01
23) Nitrobenzene-d5	7.610	82	886908	79.437	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	431695	118.561	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1825871	83.066	ng	-0.01
79) Terphenyl-d14	13.174	244	1755054	98.469	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	117671	15.433	ng	# 74
25) Isophorone	7.610	82	886894	44.057	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	46090	8.958	ng	# 27
57) 2,4-Dinitrotoluene	10.092	165	46178	6.870	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	27717	4.887	ng	# 1
77) Benzidine	13.174	184	20210	2.926	ng	# 93

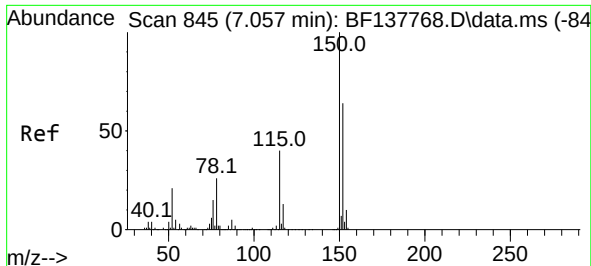
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
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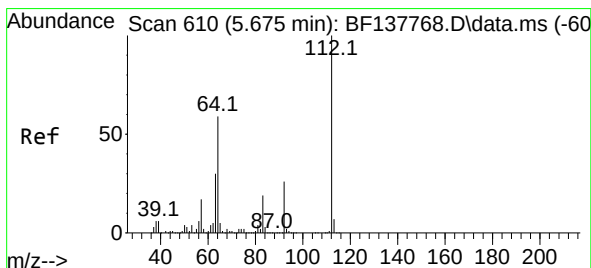
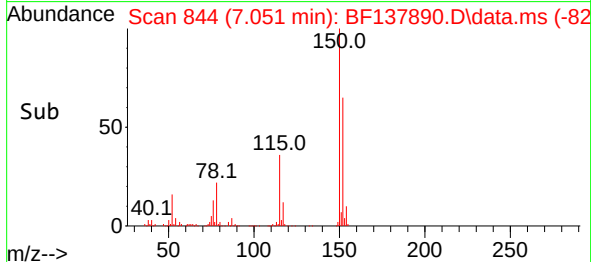
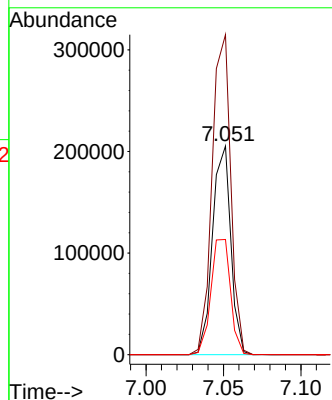
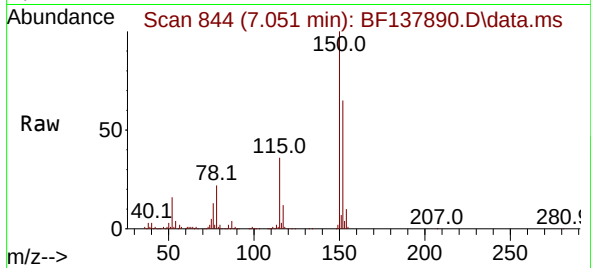




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137890.D
Acq: 10 May 2024 19:52

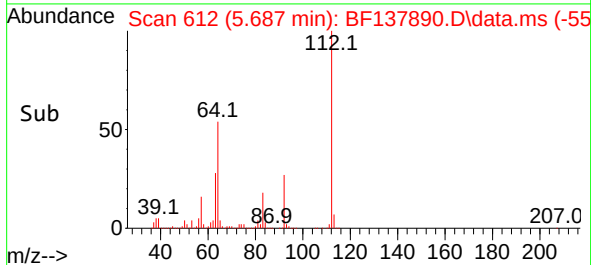
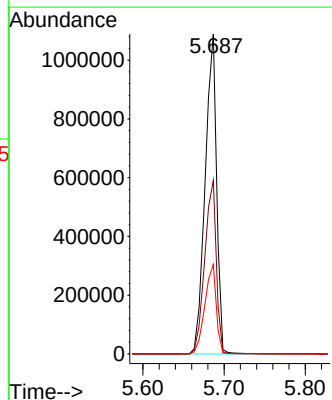
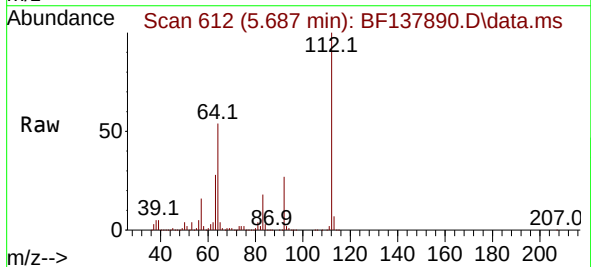
Instrument :
BNA_F
ClientSampleId :
WC-GG

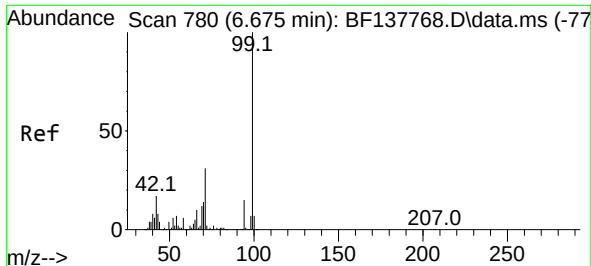
Tgt Ion:152 Resp: 168407
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 55.2 49.1 73.7



#5
2-Fluorophenol
Concen: 105.979 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137890.D
Acq: 10 May 2024 19:52

Tgt Ion:112 Resp: 1065979
Ion Ratio Lower Upper
112 100
64 54.3 47.3 70.9
63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 95.982 ng

RT: 6.663 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF137890.D

Acq: 10 May 2024 19:52

Instrument :

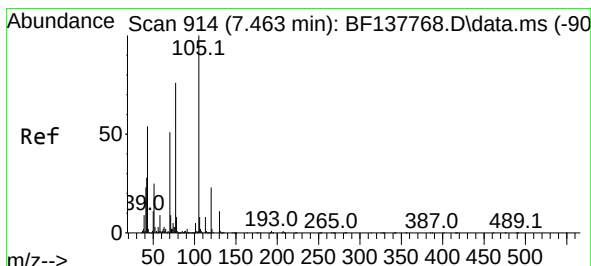
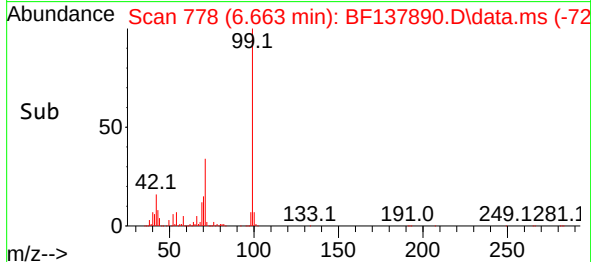
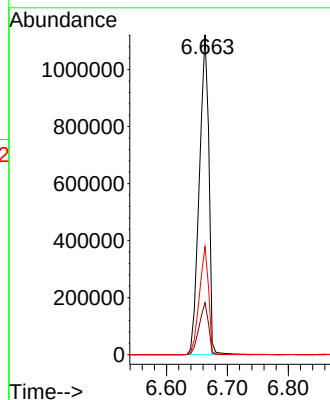
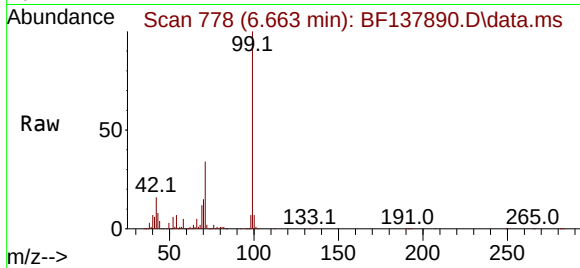
BNA_F

ClientSampleId :

WC-GG

Tgt Ion: 99 Resp: 1224548

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.2	19.8
71	33.8	25.0	37.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.433 ng

RT: 7.610 min Scan# 939

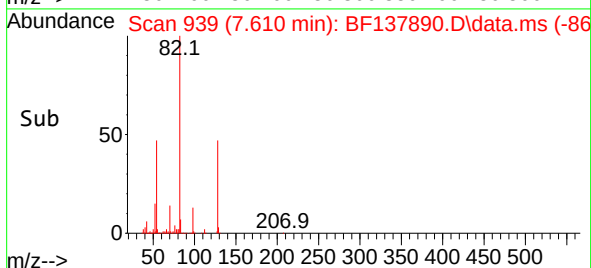
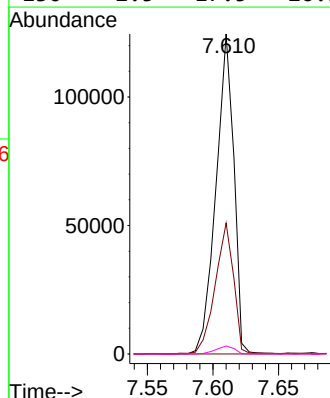
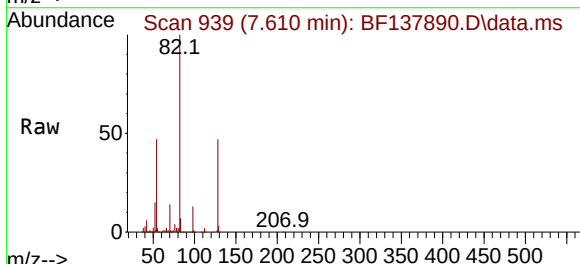
Delta R.T. 0.147 min

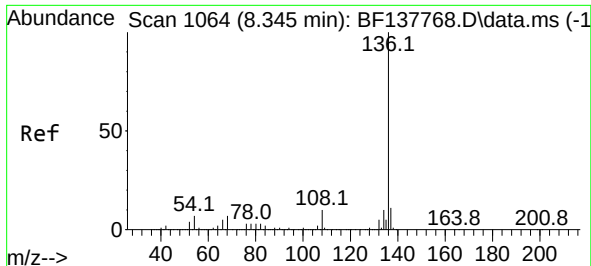
Lab File: BF137890.D

Acq: 10 May 2024 19:52

Tgt Ion: 70 Resp: 117671

Ion	Ratio	Lower	Upper
70	100		
42	40.9	44.6	66.8#
101	0.0	7.8	11.6#
130	2.5	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: BF137890.D
Acq: 10 May 2024 19:52

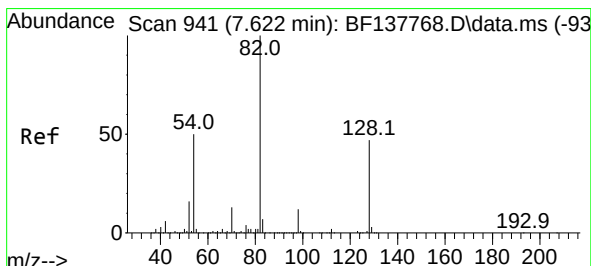
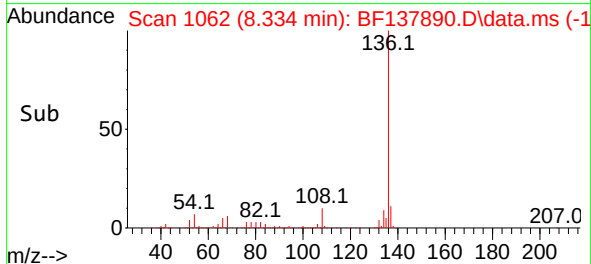
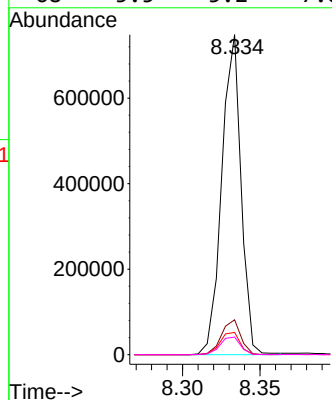
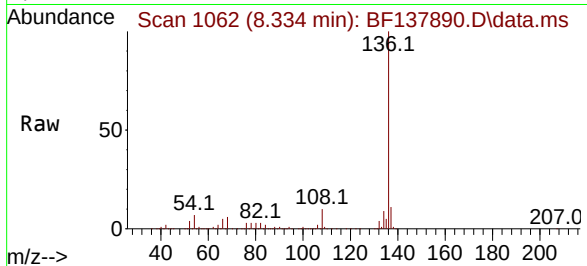
Instrument :

BNA_F

ClientSampleId :

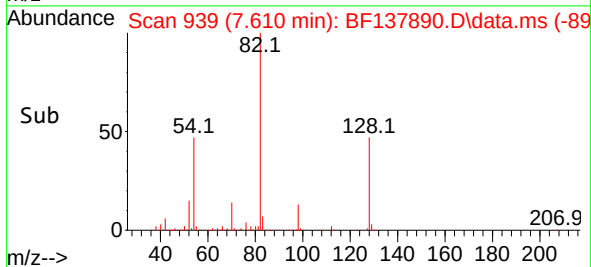
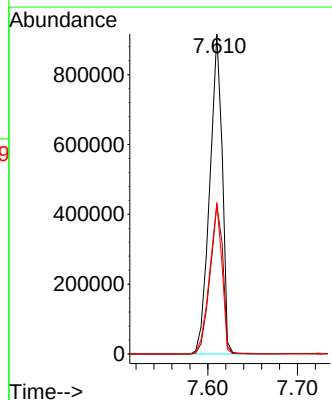
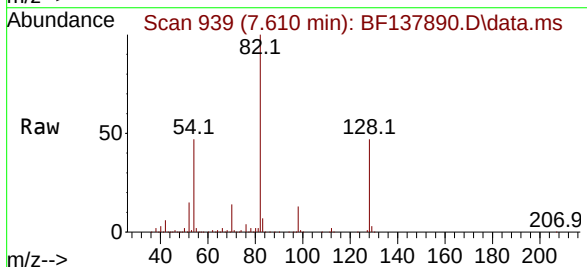
WC-GG

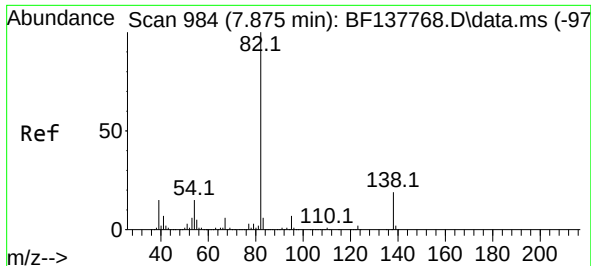
Tgt Ion:136 Resp: 648661
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.0 5.8 8.8
68 5.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 79.437 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137890.D
Acq: 10 May 2024 19:52

Tgt Ion: 82 Resp: 886908
Ion Ratio Lower Upper
82 100
128 46.6 37.5 56.3
54 47.2 39.8 59.6

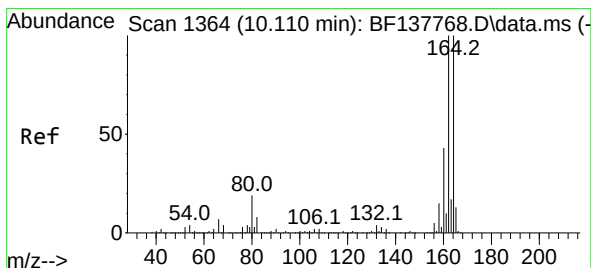
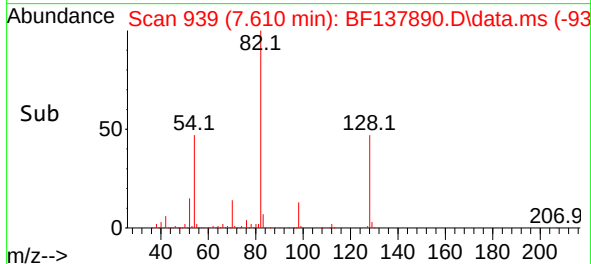
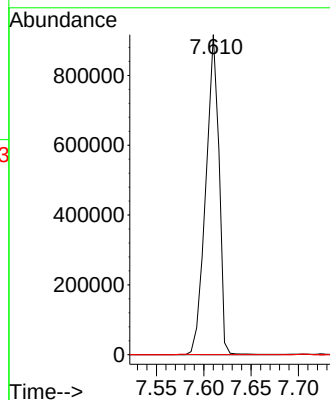
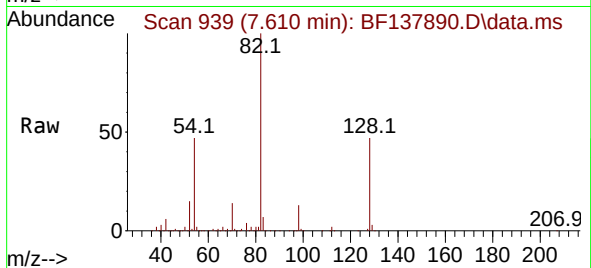




#25
Isophorone
Concen: 44.057 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137890.D
Acq: 10 May 2024 19:52

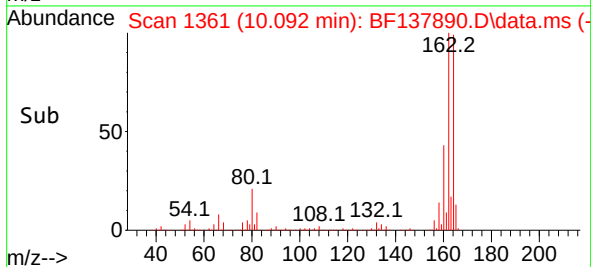
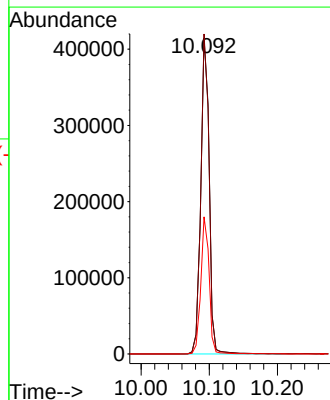
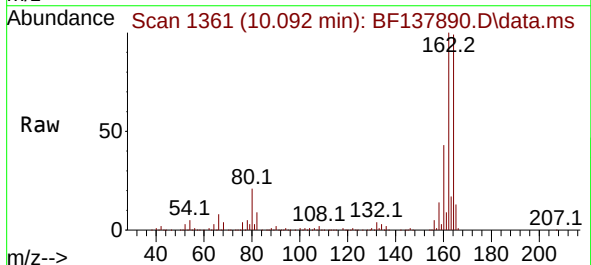
Instrument :
BNA_F
ClientSampleId :
WC-GG

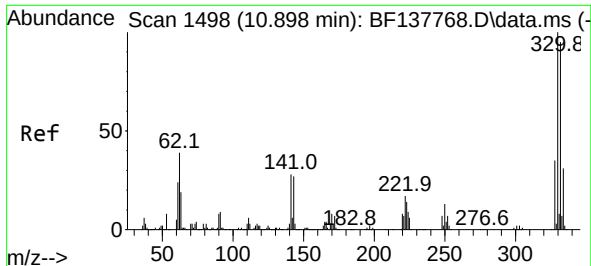
Tgt Ion: 82 Resp: 886894
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137890.D
Acq: 10 May 2024 19:52

Tgt Ion:164 Resp: 356613
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.6
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 118.561 ng

RT: 10.886 min Scan# 1498

Delta R.T. -0.012 min

Lab File: BF137890.D

Acq: 10 May 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WC-GG

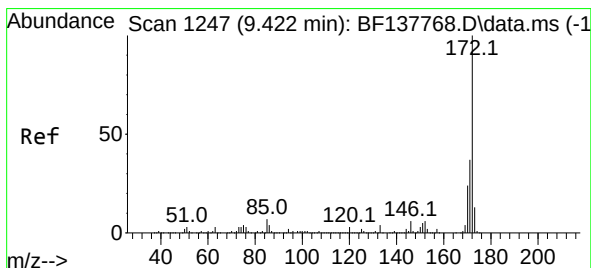
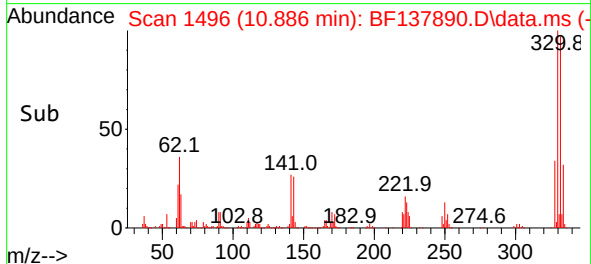
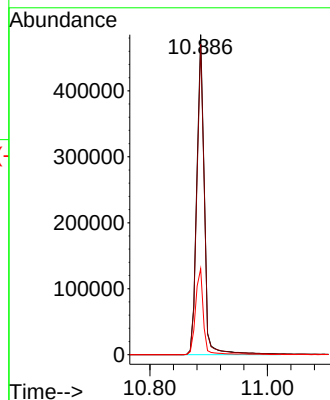
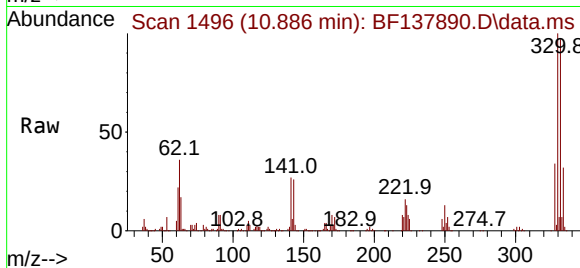
Tgt Ion:330 Resp: 431695

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

141 27.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 83.066 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137890.D

Acq: 10 May 2024 19:52

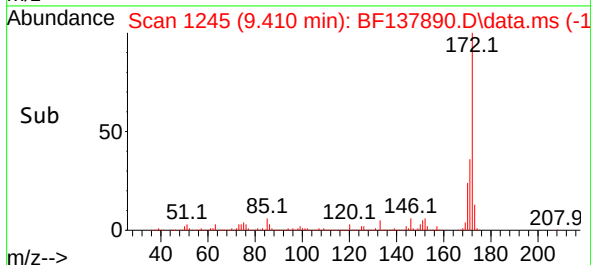
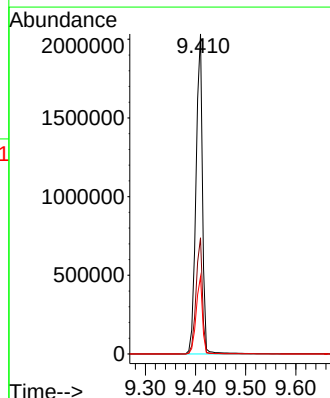
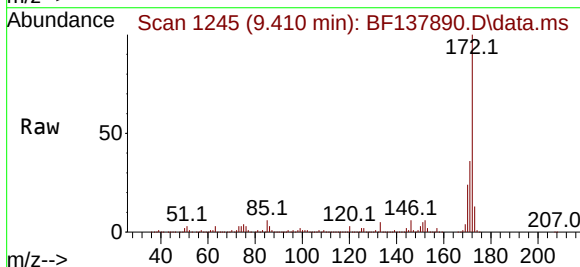
Tgt Ion:172 Resp: 1825871

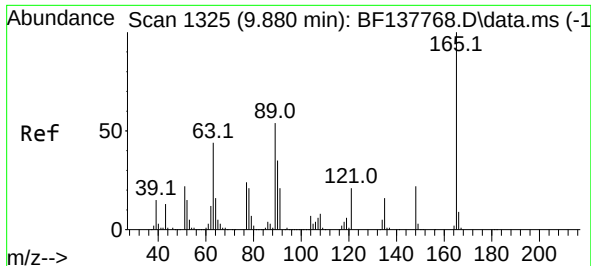
Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

170 24.2 19.4 29.2

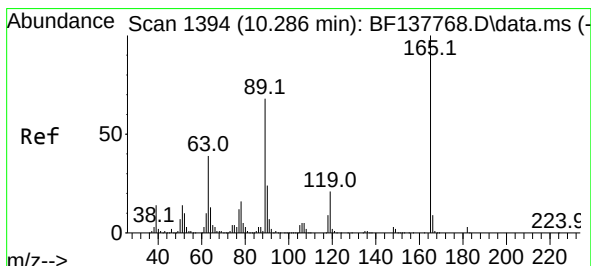
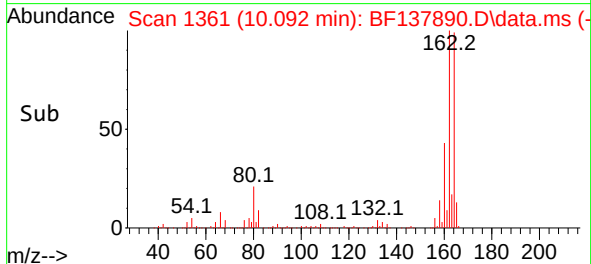
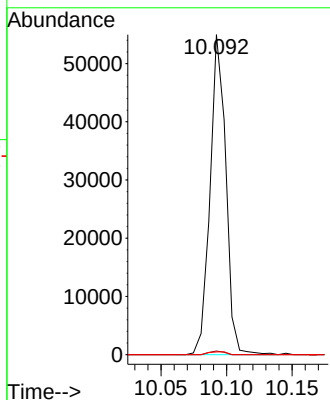
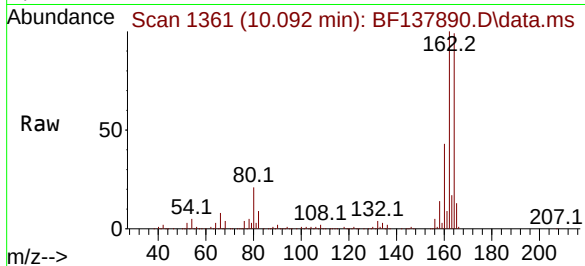




#51
2,6-Dinitrotoluene
Concen: 8.958 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137890.D
Acq: 10 May 2024 19:52

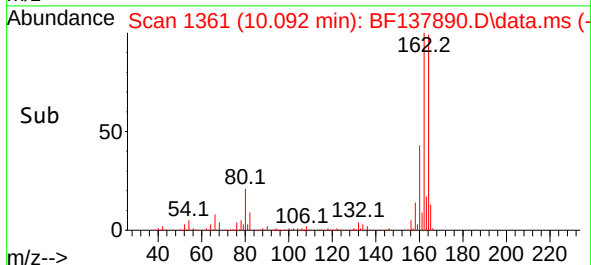
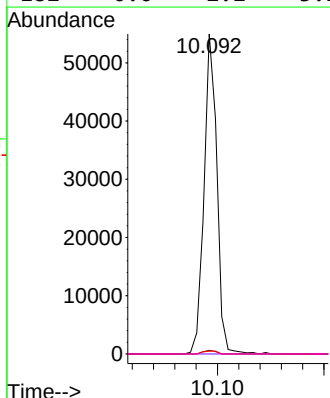
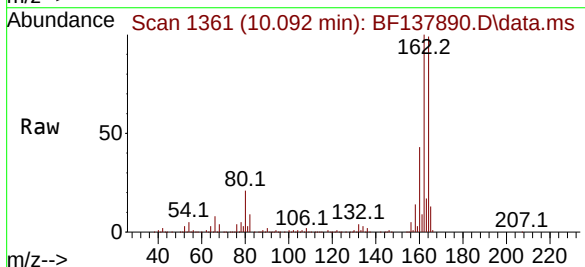
Instrument :
BNA_F
ClientSampleId :
WC-GG

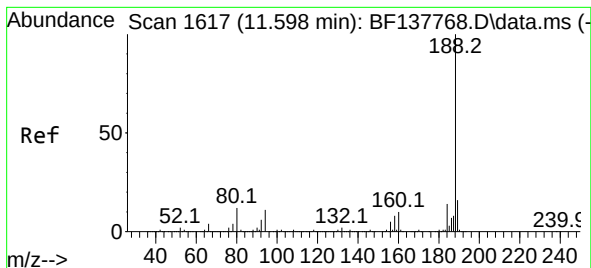
Tgt Ion:165 Resp: 46090
Ion Ratio Lower Upper
165 100
63 1.2 41.9 62.9#
89 0.8 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.870 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137890.D
Acq: 10 May 2024 19:52

Tgt Ion:165 Resp: 46178
Ion Ratio Lower Upper
165 100
63 1.2 31.3 46.9#
89 0.8 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: BF137890.D

Acq: 10 May 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WC-GG

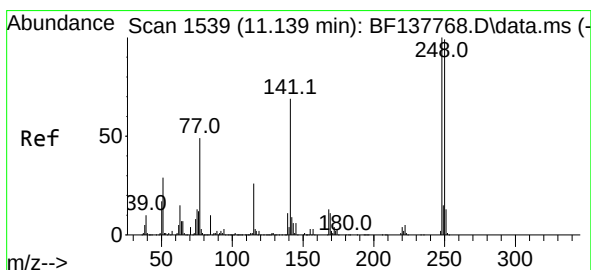
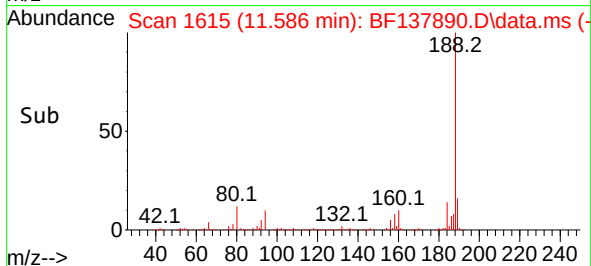
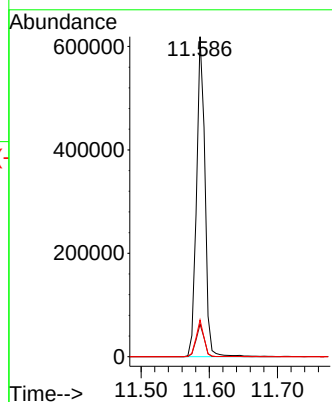
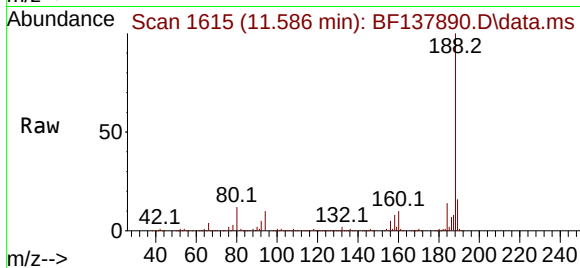
Tgt Ion:188 Resp: 529947

Ion Ratio Lower Upper

188 100

94 10.2 8.8 13.2

80 11.5 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.887 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.253 min

Lab File: BF137890.D

Acq: 10 May 2024 19:52

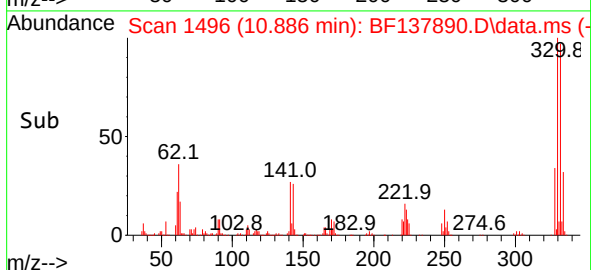
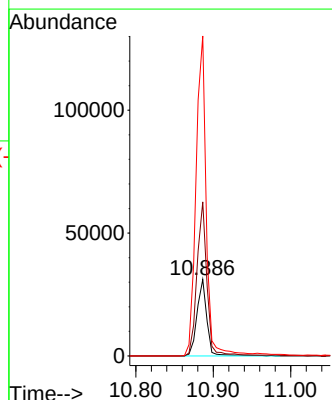
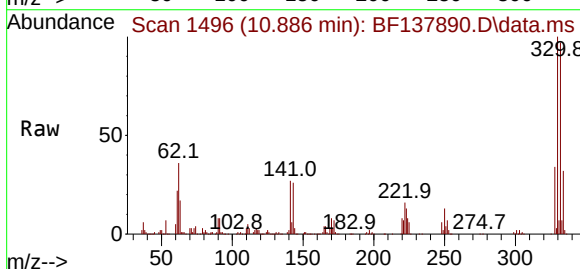
Tgt Ion:248 Resp: 27717

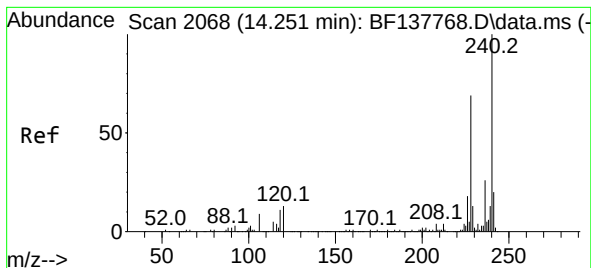
Ion Ratio Lower Upper

248 100

250 201.4 79.1 118.7#

141 418.4 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: BF137890.D

Acq: 10 May 2024 19:52

Instrument :

BNA_F

ClientSampleId :

WC-GG

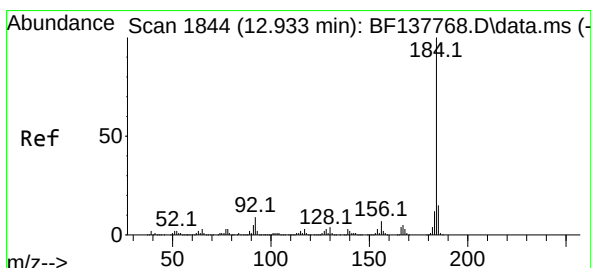
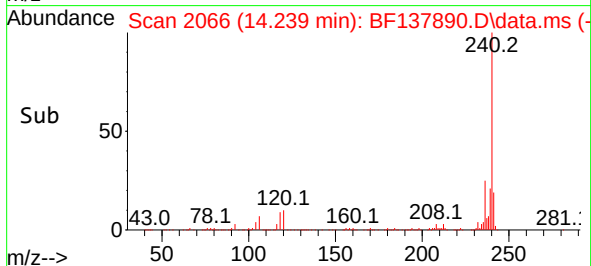
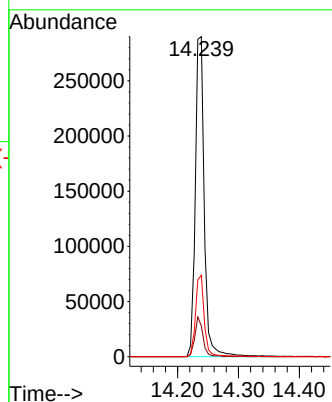
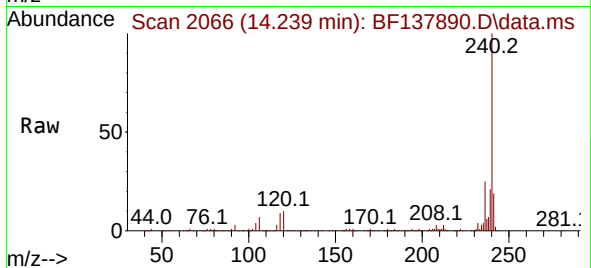
Tgt Ion:240 Resp: 298696

Ion Ratio Lower Upper

240 100

120 9.6 10.4 15.6#

236 25.4 20.4 30.6



#77

Benzidine

Concen: 2.926 ng

RT: 13.174 min Scan# 1885

Delta R.T. 0.241 min

Lab File: BF137890.D

Acq: 10 May 2024 19:52

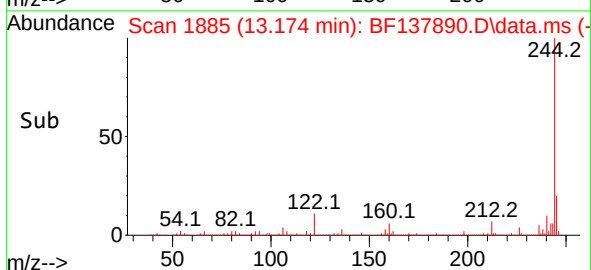
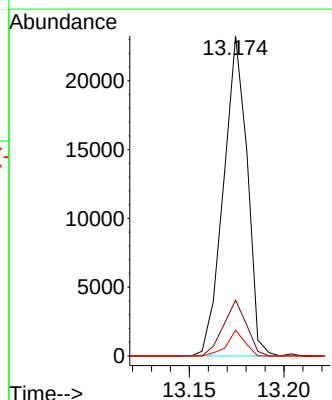
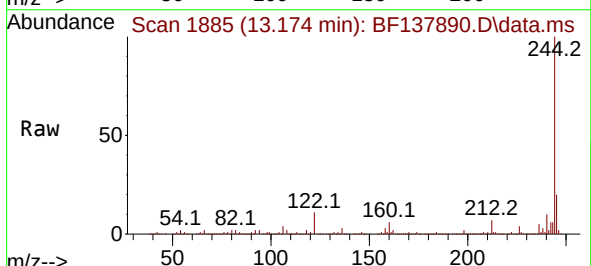
Tgt Ion:184 Resp: 20210

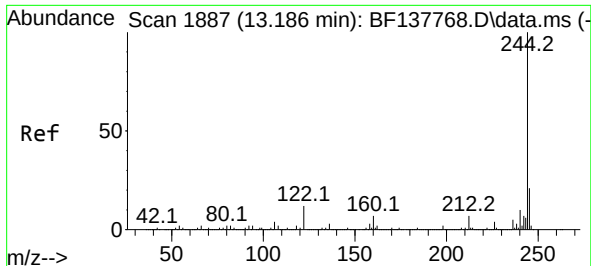
Ion Ratio Lower Upper

184 100

185 17.4 12.3 18.5

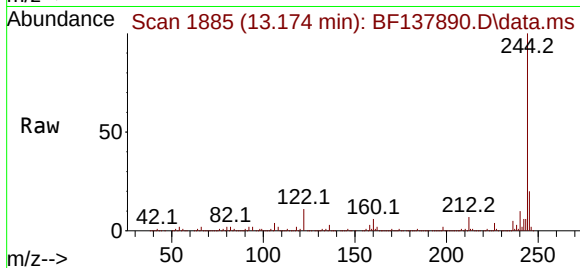
183 8.0 9.2 13.8#



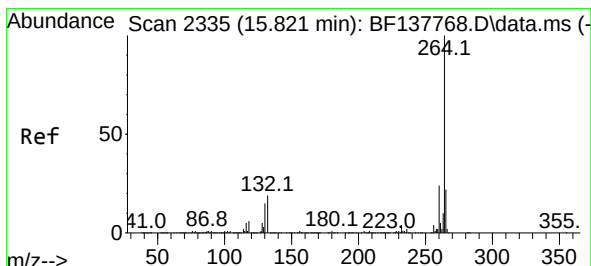
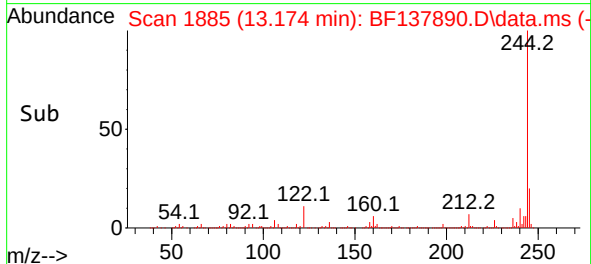
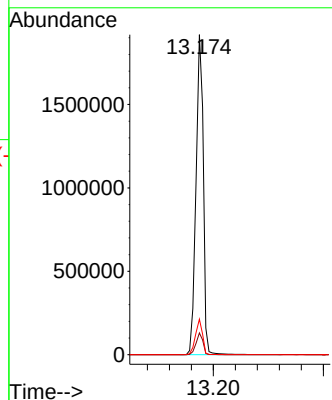


#79
 Terphenyl-d14
 Concen: 98.469 ng
 RT: 13.174 min Scan# 1885
 Delta R.T. -0.012 min
 Lab File: BF137890.D
 Acq: 10 May 2024 19:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-GG



Tgt Ion:244 Resp: 1755054
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.1 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.804 min Scan# 2332
 Delta R.T. -0.018 min
 Lab File: BF137890.D
 Acq: 10 May 2024 19:52

Tgt Ion:264 Resp: 150104
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.1 17.4 26.0

