

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137873.D
 Acq On : 09 May 2024 20:01
 Operator : CG\JU
 Sample : P2415-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1011UMR-SS005-0212-01

Quant Time: May 10 01:15:11 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)

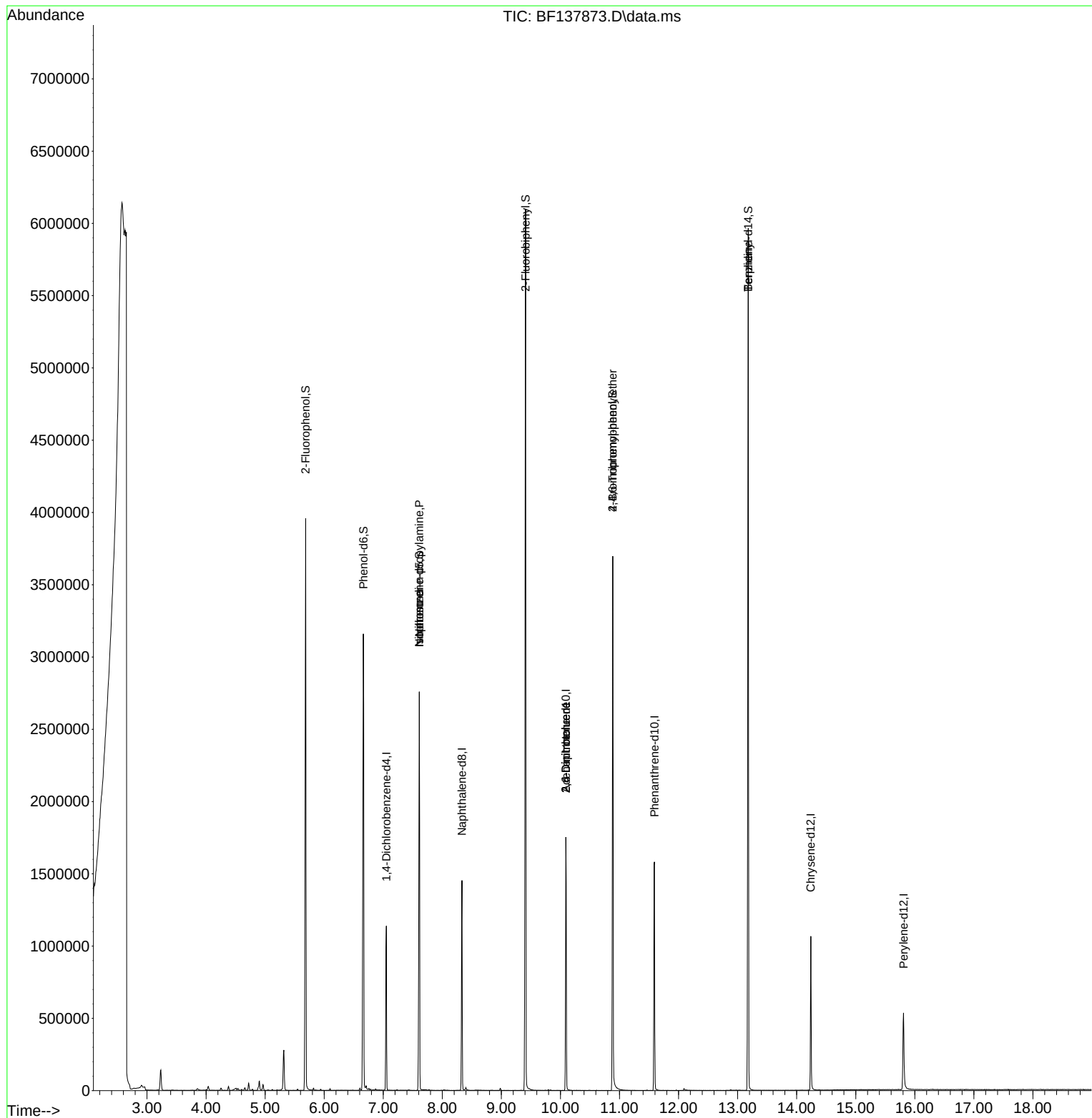
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	167457	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	656657	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	380985	20.000	ng	-0.02
64) Phenanthrene-d10	11.592	188	624482	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	338126	20.000	ng	-0.01
86) Perylene-d12	15.809	264	290180	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1148483	114.829	ng	0.01
7) Phenol-d6	6.663	99	1329890	104.830	ng	-0.01
23) Nitrobenzene-d5	7.610	82	942645	83.401	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	503352	129.398	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1988118	84.661	ng	-0.01
79) Terphenyl-d14	13.180	244	2101514	104.158	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.610	70	125961	16.614	ng	# 76
25) Isophorone	7.610	82	942627	46.256	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	49936	9.085	ng	# 26
57) 2,4-Dinitrotoluene	10.092	165	49937	6.954	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	32012	4.790	ng	# 1
77) Benzydine	13.180	184	24736	3.163	ng	# 93

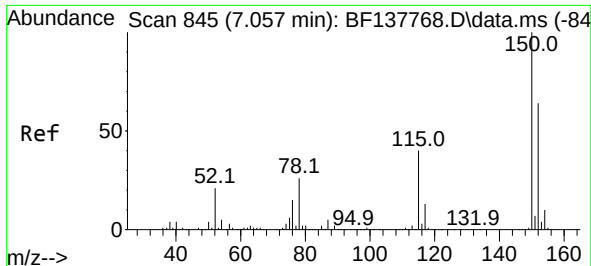
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
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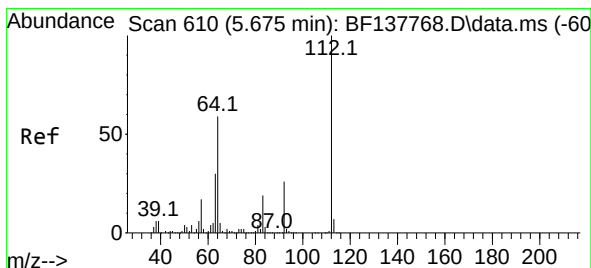
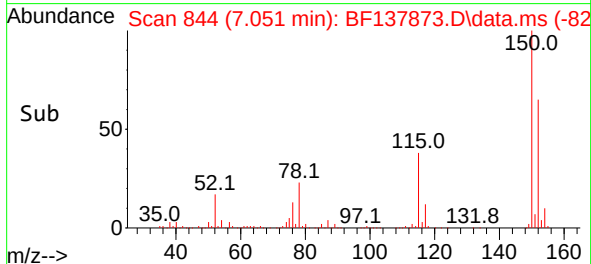
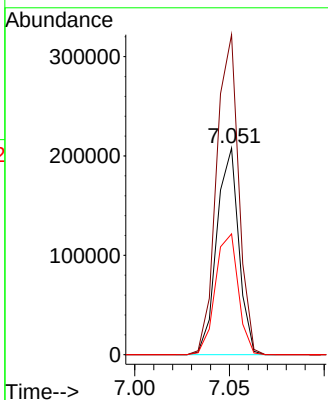
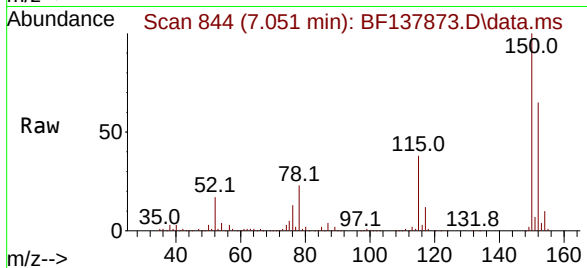




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137873.D
Acq: 09 May 2024 20:01

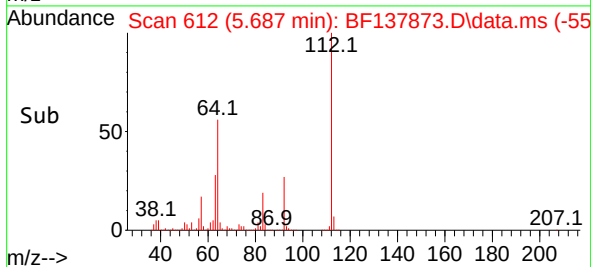
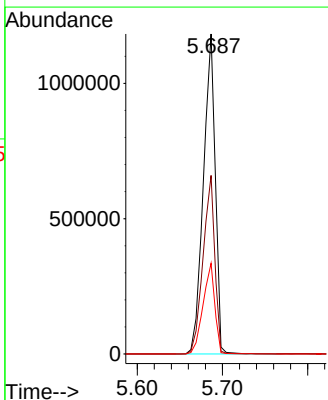
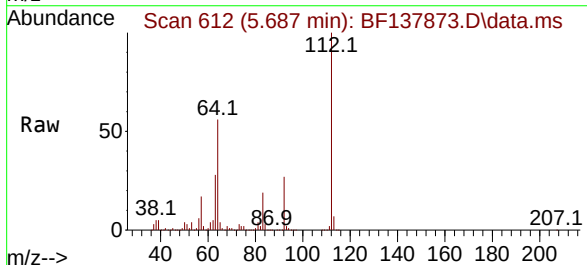
Instrument :
BNA_F
ClientSampleId :
1011UMR-SS005-0212-01

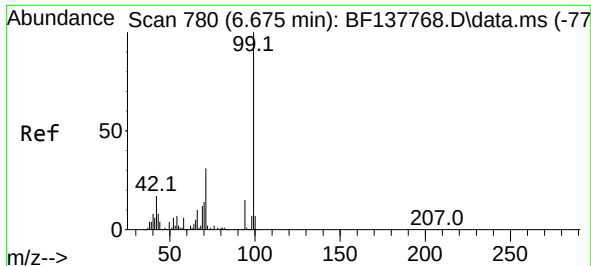
Tgt Ion:152 Resp: 167457
Ion Ratio Lower Upper
152 100
150 155.0 124.1 186.1
115 58.5 49.1 73.7



#5
2-Fluorophenol
Concen: 114.829 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137873.D
Acq: 09 May 2024 20:01

Tgt Ion:112 Resp: 1148483
Ion Ratio Lower Upper
112 100
64 55.8 47.3 70.9
63 28.3 23.7 35.5

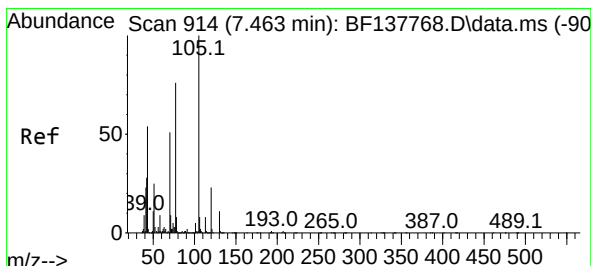
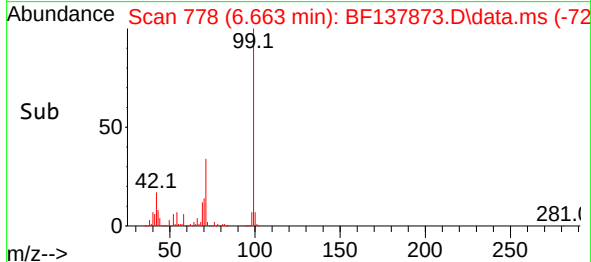
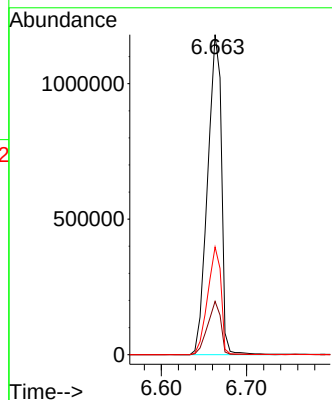
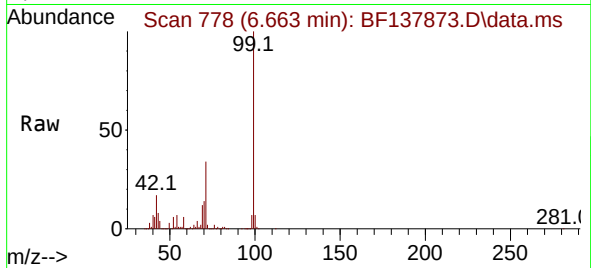




#7
Phenol-d6
Concen: 104.830 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137873.D
Acq: 09 May 2024 20:01

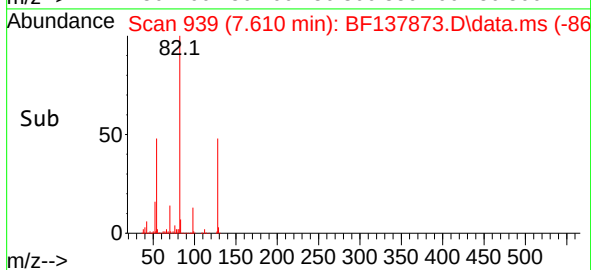
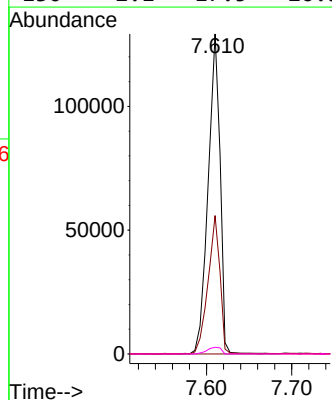
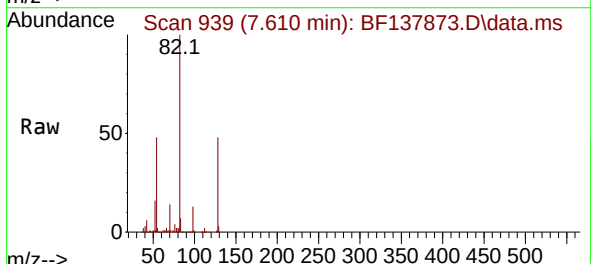
Instrument :
BNA_F
ClientSampleId :
1011UMR-SS005-0212-01

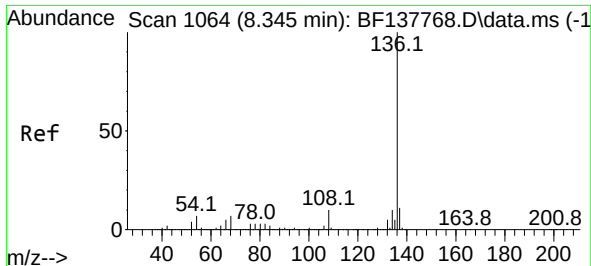
Tgt Ion: 99 Resp: 1329890
Ion Ratio Lower Upper
99 100
42 16.6 13.2 19.8
71 33.6 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.614 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137873.D
Acq: 09 May 2024 20:01

Tgt Ion: 70 Resp: 125961
Ion Ratio Lower Upper
70 100
42 43.3 44.6 66.8#
101 0.0 7.8 11.6#
130 2.1 17.5 26.3#

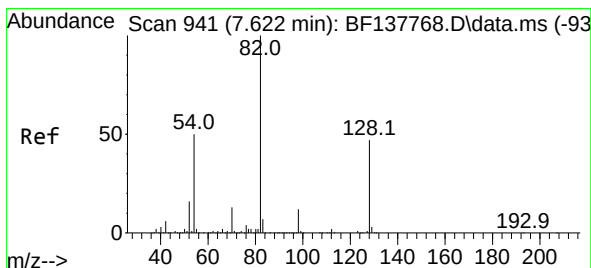
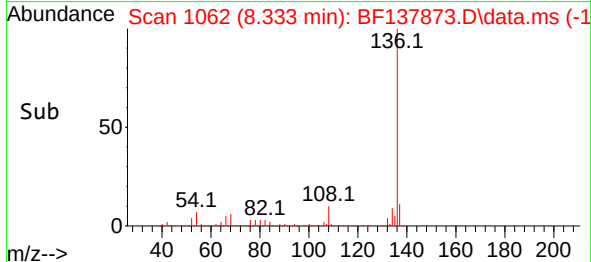
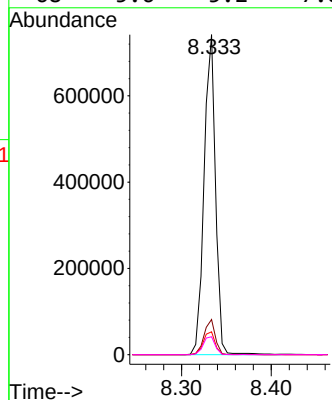
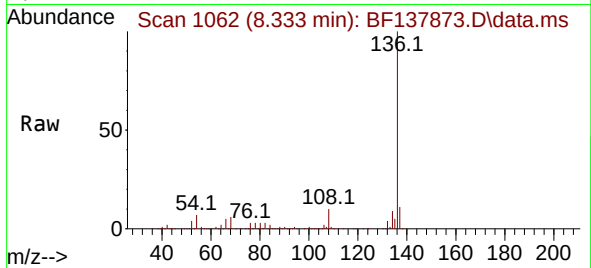




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137873.D
Acq: 09 May 2024 20:01

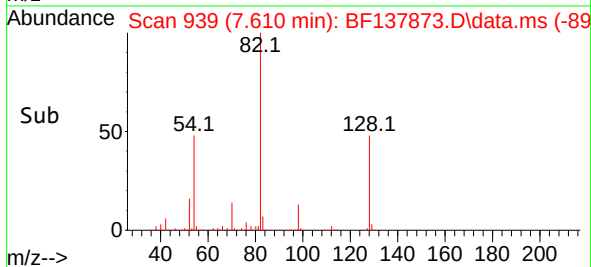
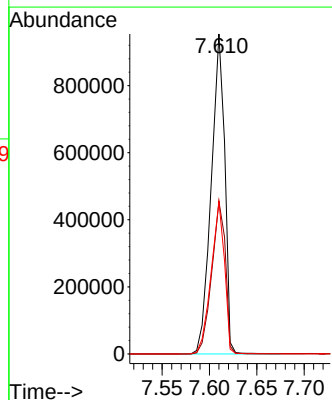
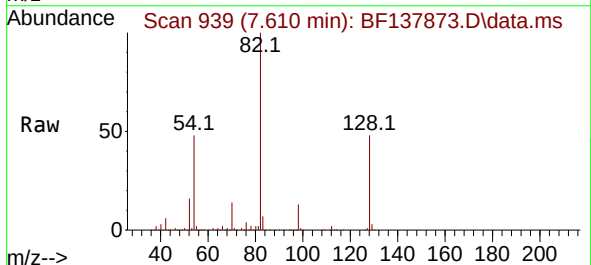
Instrument :
BNA_F
ClientSampleId :
1011UMR-SS005-0212-01

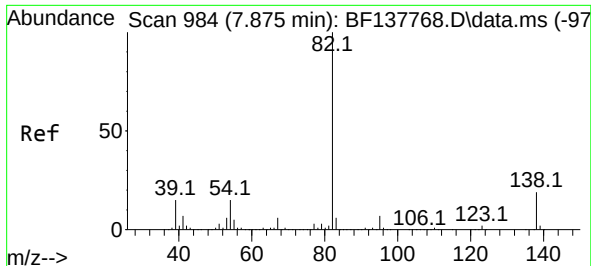
Tgt Ion:136 Resp: 656657
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.1 5.8 8.8
68 5.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 83.401 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137873.D
Acq: 09 May 2024 20:01

Tgt Ion: 82 Resp: 942645
Ion Ratio Lower Upper
82 100
128 47.7 37.5 56.3
54 47.6 39.8 59.6

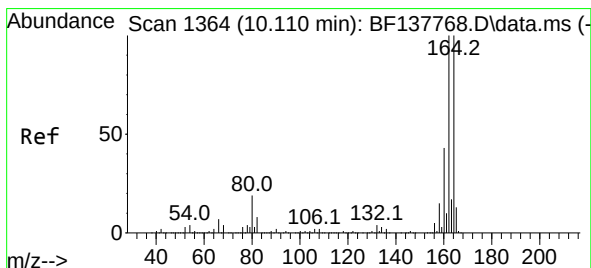
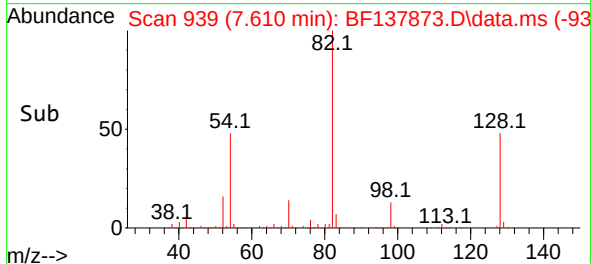
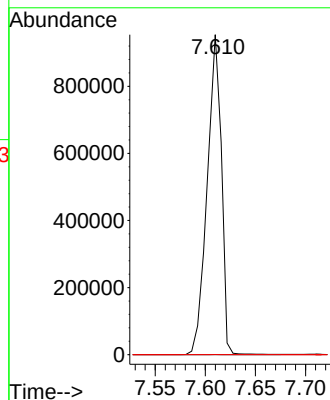
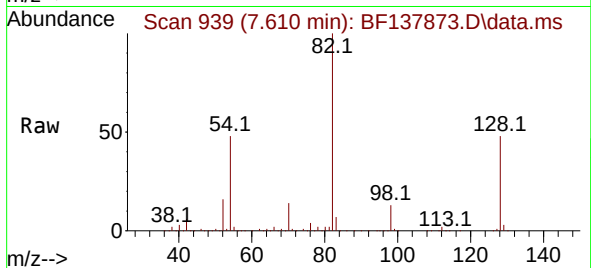




#25
Isophorone
Concen: 46.256 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137873.D
Acq: 09 May 2024 20:01

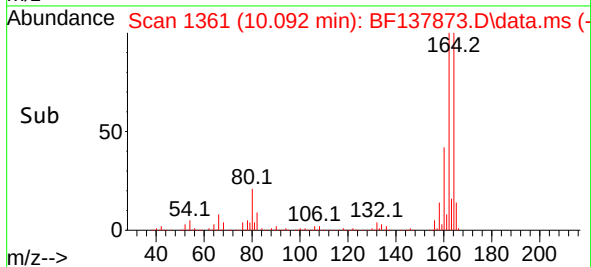
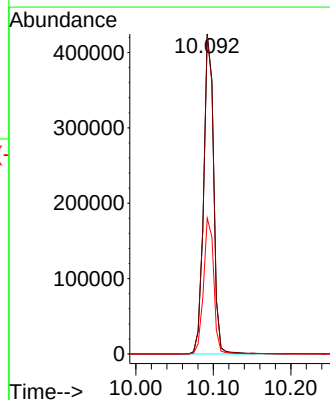
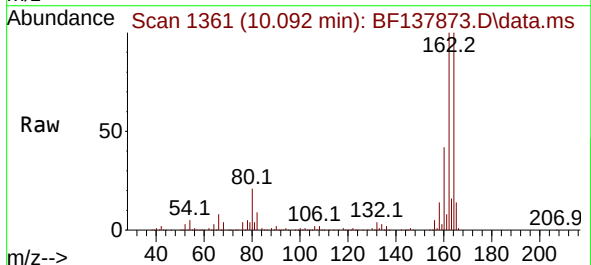
Instrument :
BNA_F
ClientSampleId :
1011UMR-SS005-0212-01

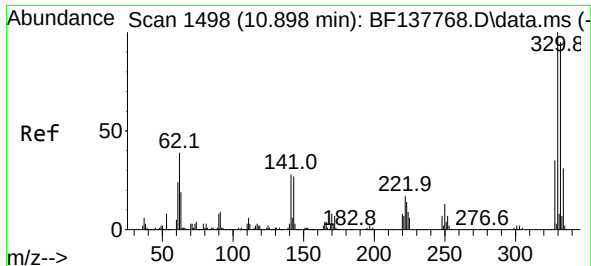
Tgt Ion: 82 Resp: 942627
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137873.D
Acq: 09 May 2024 20:01

Tgt Ion: 164 Resp: 380985
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.6
160 42.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 129.398 ng

RT: 10.886 min Scan# 1498

Delta R.T. -0.012 min

Lab File: BF137873.D

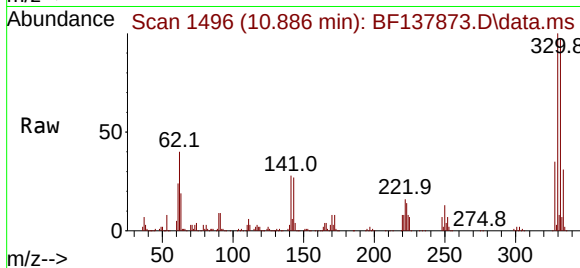
Acq: 09 May 2024 20:01

Instrument :

BNA_F

ClientSampleId :

1011UMR-SS005-0212-01



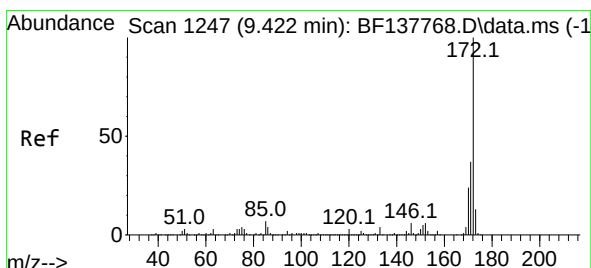
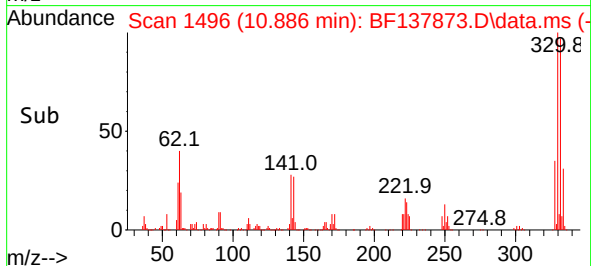
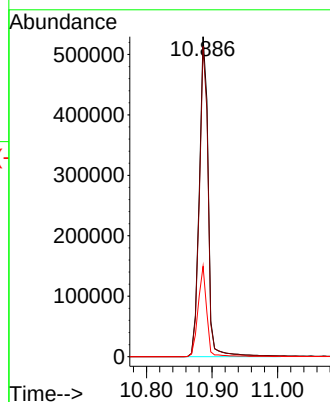
Tgt Ion:330 Resp: 503352

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 27.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 84.661 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137873.D

Acq: 09 May 2024 20:01

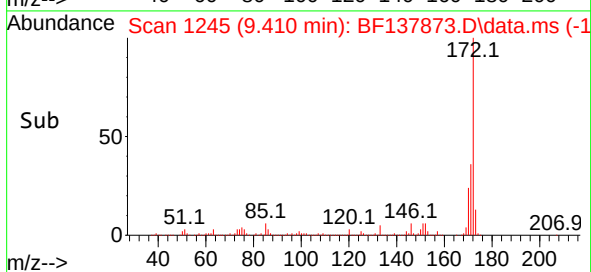
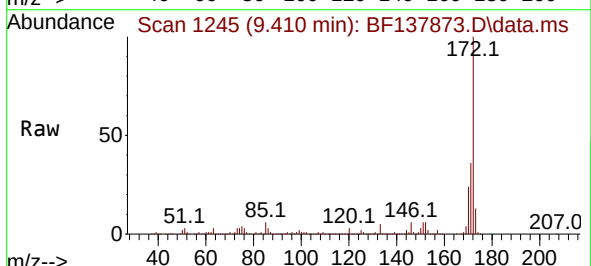
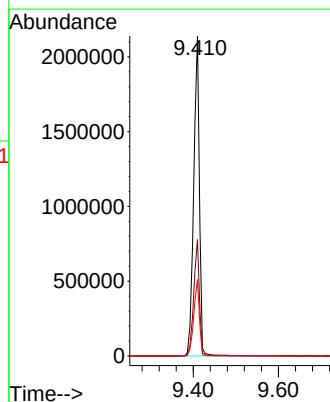
Tgt Ion:172 Resp: 1988118

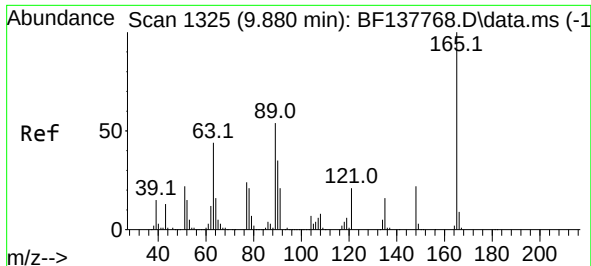
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 23.8 19.4 29.2

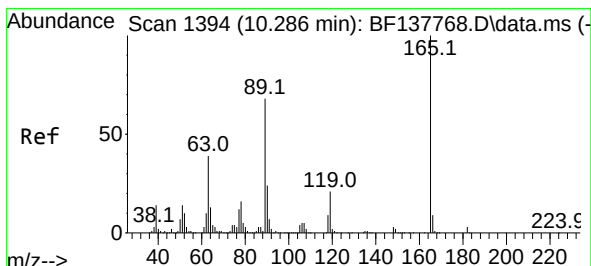
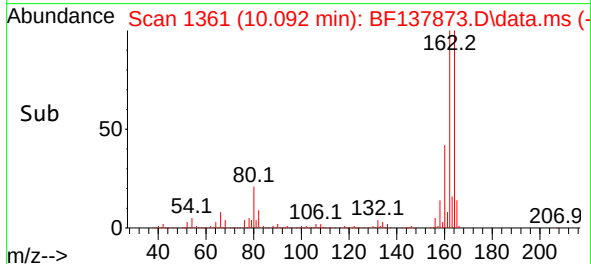
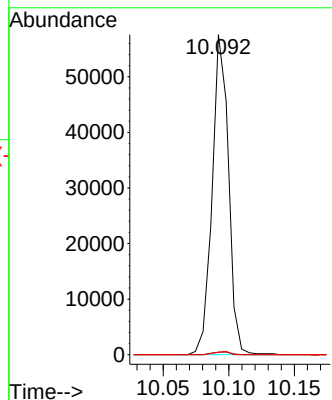
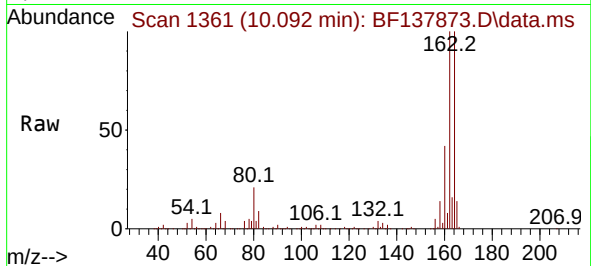




#51
2,6-Dinitrotoluene
Concen: 9.085 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137873.D
Acq: 09 May 2024 20:01

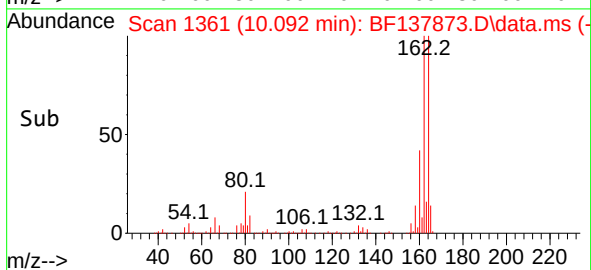
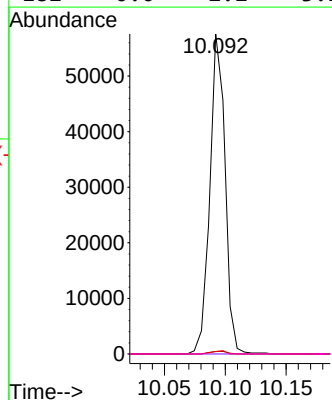
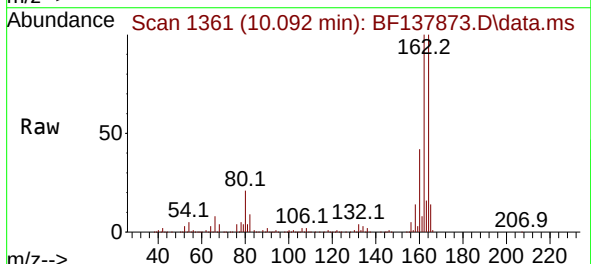
Instrument :
BNA_F
ClientSampleId :
1011UMR-SS005-0212-01

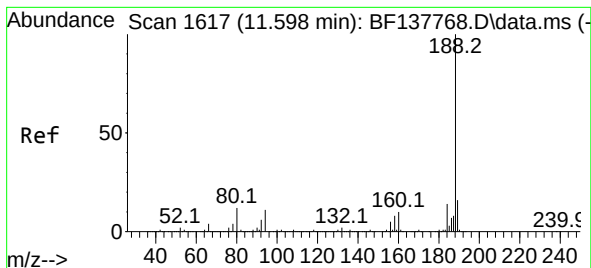
Tgt Ion:165 Resp: 49936
Ion Ratio Lower Upper
165 100
63 0.8 41.9 62.9#
89 0.7 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.954 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137873.D
Acq: 09 May 2024 20:01

Tgt Ion:165 Resp: 49937
Ion Ratio Lower Upper
165 100
63 0.8 31.3 46.9#
89 0.7 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: BF137873.D

Acq: 09 May 2024 20:01

Instrument :

BNA_F

ClientSampleId :

1011UMR-SS005-0212-01

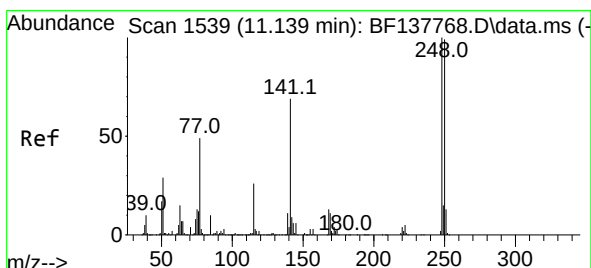
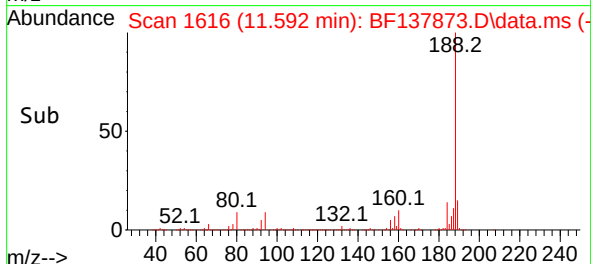
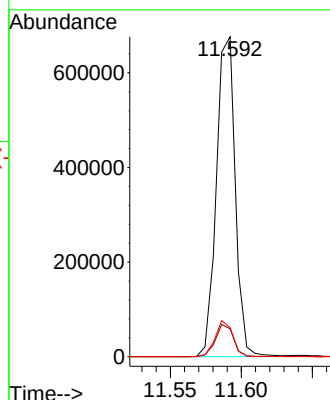
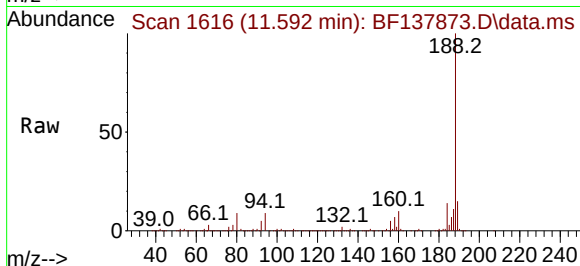
Tgt Ion:188 Resp: 624482

Ion Ratio Lower Upper

188 100

94 8.7 8.8 13.2#

80 9.1 9.6 14.4#



#67

4-Bromophenyl-phenylether

Concen: 4.790 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.253 min

Lab File: BF137873.D

Acq: 09 May 2024 20:01

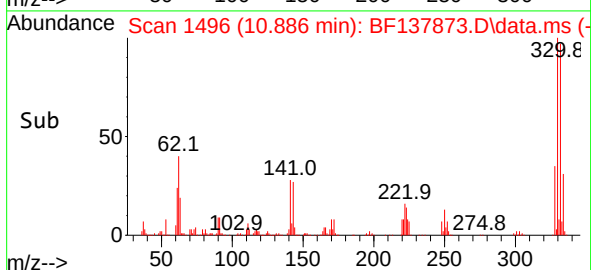
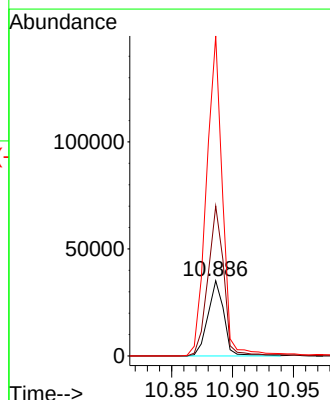
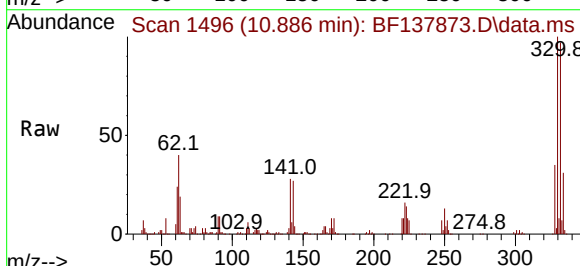
Tgt Ion:248 Resp: 32012

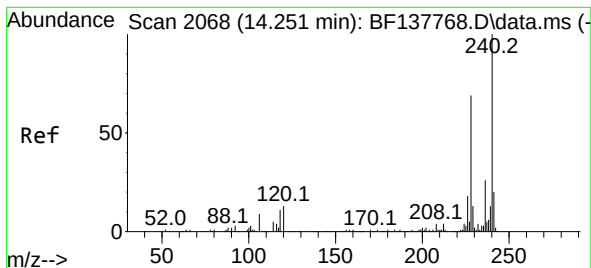
Ion Ratio Lower Upper

248 100

250 199.5 79.1 118.7#

141 425.9 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: BF137873.D

Acq: 09 May 2024 20:01

Instrument :

BNA_F

ClientSampleId :

1011UMR-SS005-0212-01

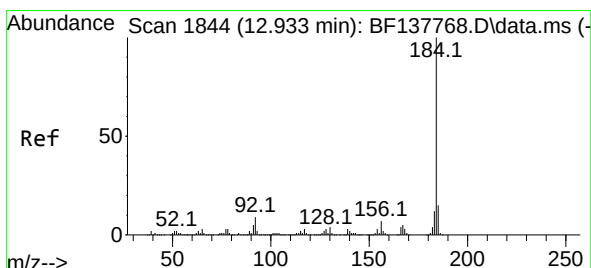
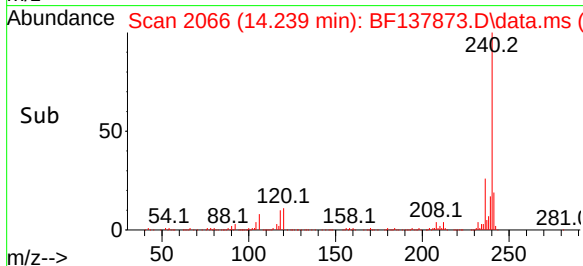
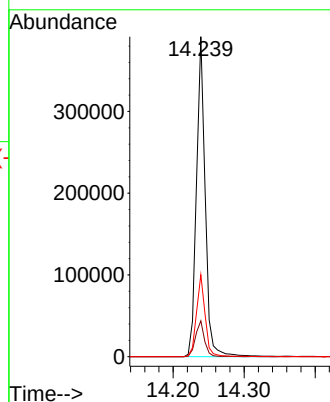
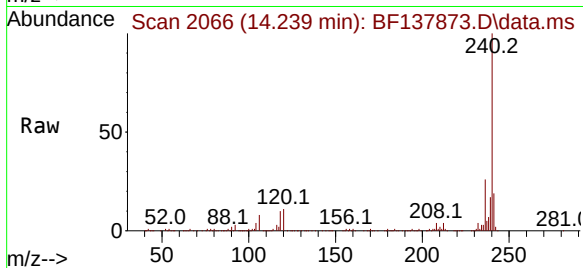
Tgt Ion:240 Resp: 338126

Ion Ratio Lower Upper

240 100

120 11.2 10.4 15.6

236 25.6 20.4 30.6



#77

Benzidine

Concen: 3.163 ng

RT: 13.180 min Scan# 1886

Delta R.T. 0.247 min

Lab File: BF137873.D

Acq: 09 May 2024 20:01

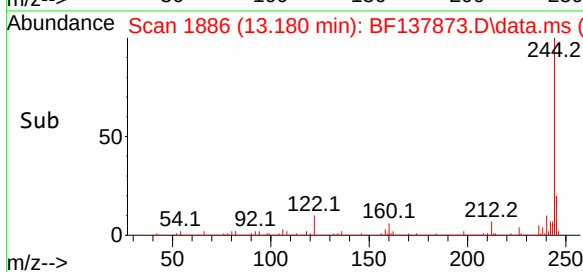
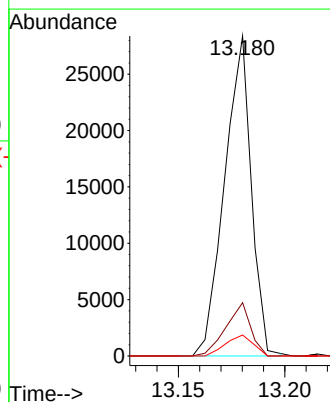
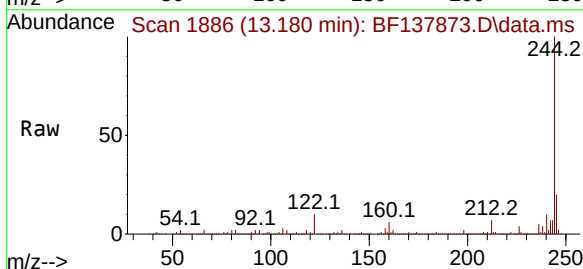
Tgt Ion:184 Resp: 24736

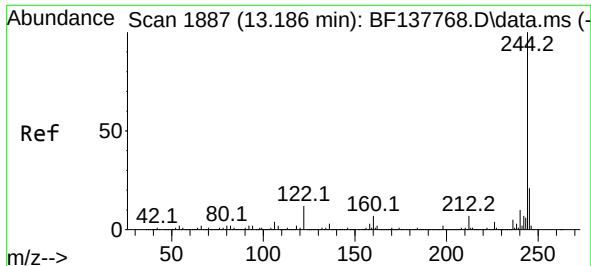
Ion Ratio Lower Upper

184 100

185 16.7 12.3 18.5

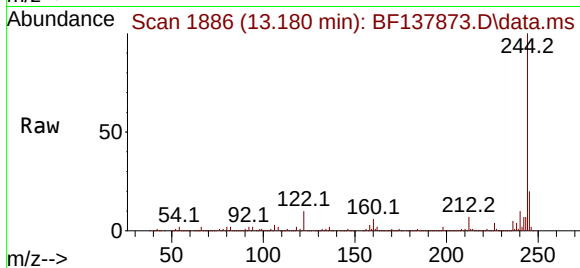
183 6.6 9.2 13.8#



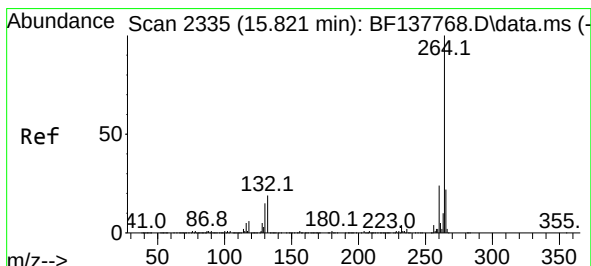
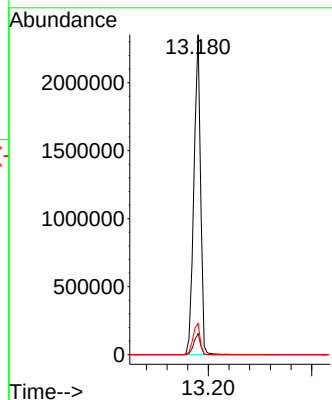
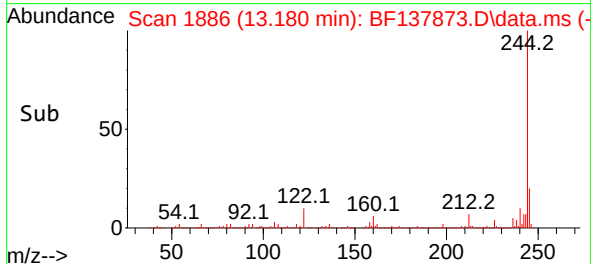


#79
 Terphenyl-d14
 Concen: 104.158 ng
 RT: 13.180 min Scan# 1887
 Delta R.T. -0.006 min
 Lab File: BF137873.D
 Acq: 09 May 2024 20:01

Instrument :
 BNA_F
 ClientSampleId :
 1011UMR-SS005-0212-01



Tgt Ion:244 Resp: 2101514
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 9.8 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: BF137873.D
 Acq: 09 May 2024 20:01

Tgt Ion:264 Resp: 290180
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.9 28.3
 265 21.8 17.4 26.0

