

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137872.D
 Acq On : 09 May 2024 19:30
 Operator : CG\JU
 Sample : P2414-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1011UMR-SS004-0212-01

Quant Time: May 10 01:14:51 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)

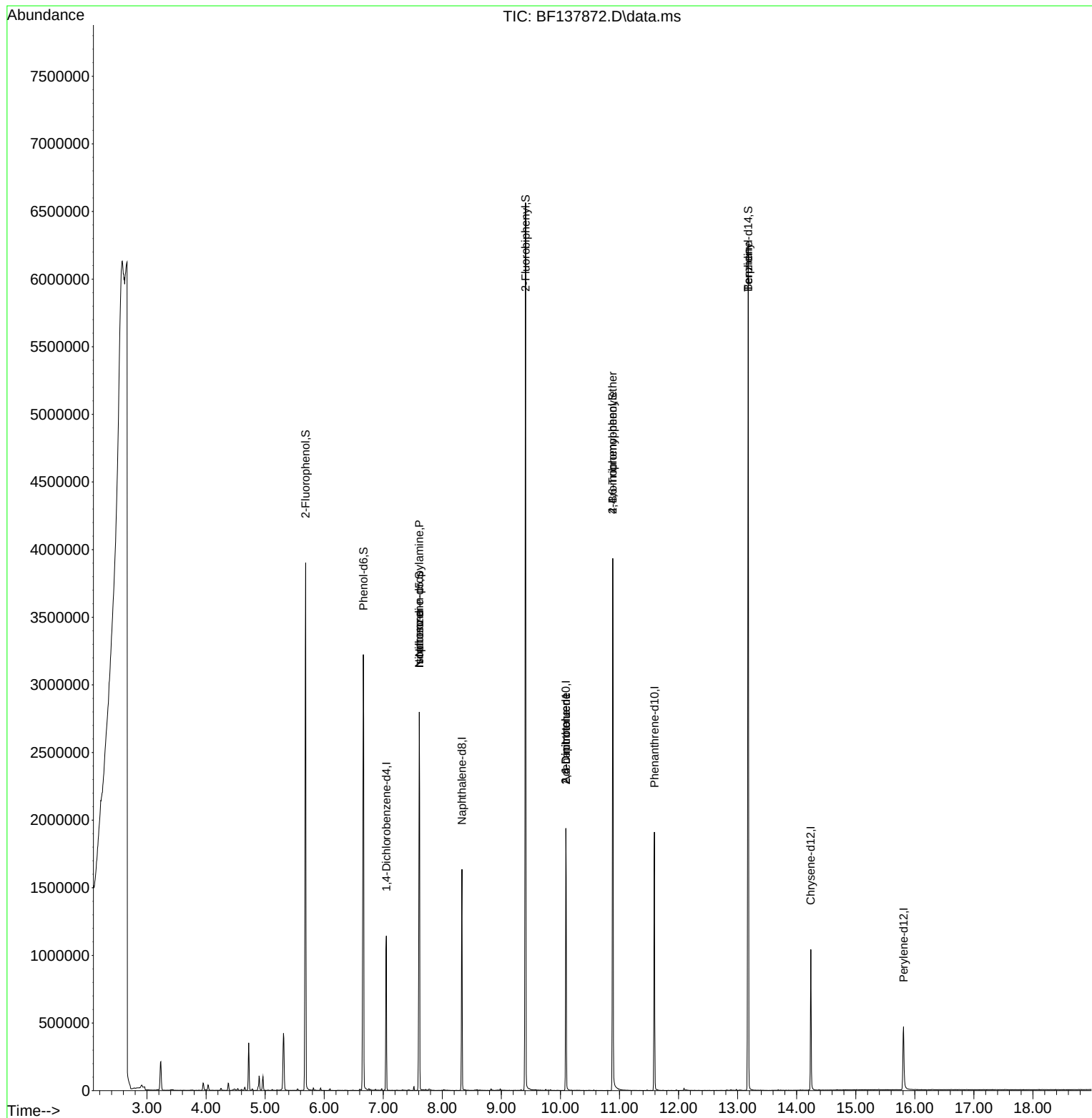
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	172842	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	698332	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	403642	20.000	ng	-0.02
64) Phenanthrene-d10	11.592	188	683703	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	341016	20.000	ng	-0.01
86) Perylene-d12	15.809	264	238937	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1185560	114.843	ng	0.01
7) Phenol-d6	6.663	99	1376557	105.128	ng	-0.01
23) Nitrobenzene-d5	7.610	82	983674	81.837	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	536799	130.250	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	2071090	83.244	ng	-0.01
79) Terphenyl-d14	13.180	244	2217129	108.957	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	130344	16.657	ng	# 76
25) Isophorone	7.610	82	983662	45.389	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	52377	8.994	ng	# 27
57) 2,4-Dinitrotoluene	10.092	165	52378	6.885	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	33092	4.523	ng	# 1
77) Benzidine	13.180	184	26246	3.328	ng	# 93

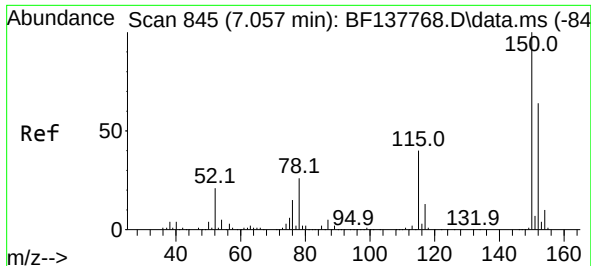
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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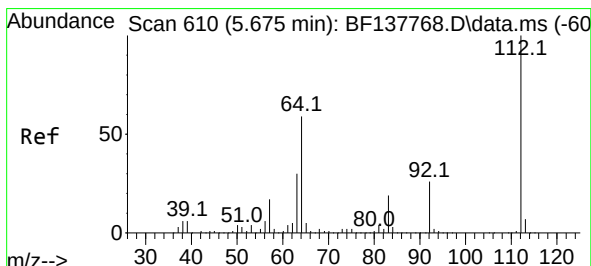
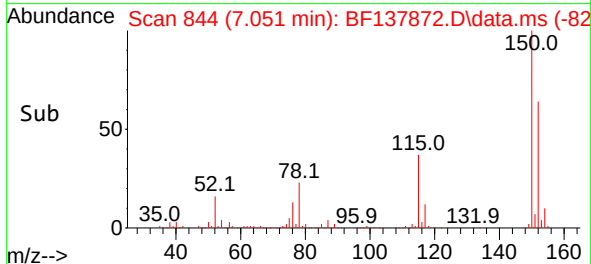
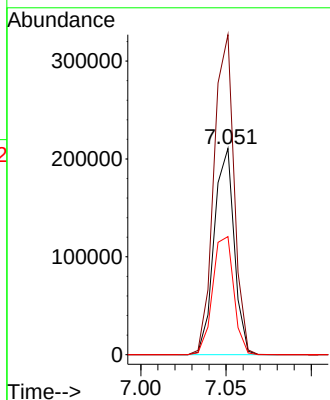
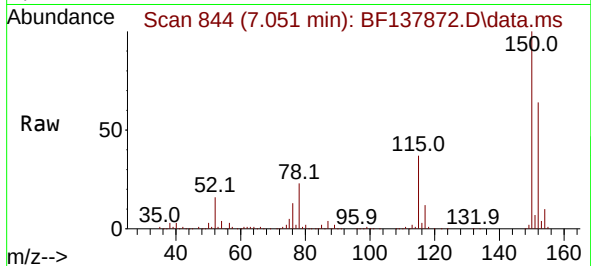




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137872.D
Acq: 09 May 2024 19:30

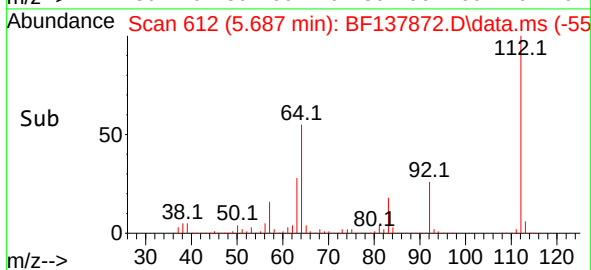
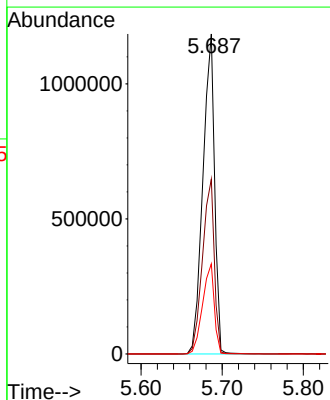
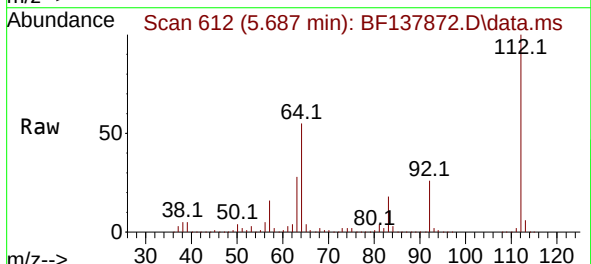
Instrument :
BNA_F
ClientSampleId :
1011UMR-SS004-0212-01

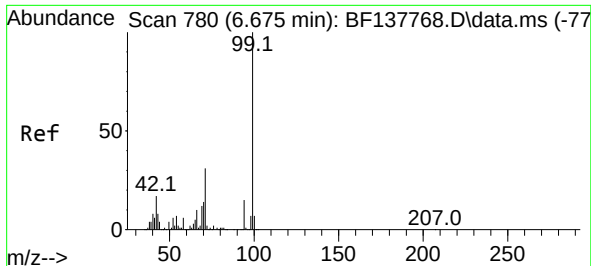
Tgt Ion:152 Resp: 172842
Ion Ratio Lower Upper
152 100
150 155.2 124.1 186.1
115 57.3 49.1 73.7



#5
2-Fluorophenol
Concen: 114.843 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137872.D
Acq: 09 May 2024 19:30

Tgt Ion:112 Resp: 1185560
Ion Ratio Lower Upper
112 100
64 54.6 47.3 70.9
63 28.2 23.7 35.5

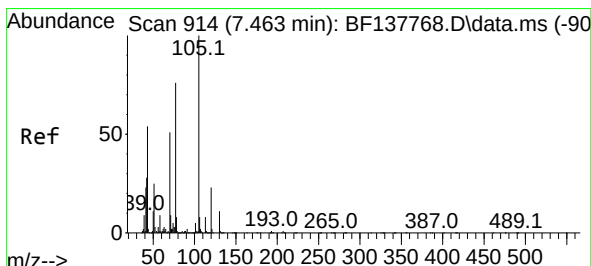
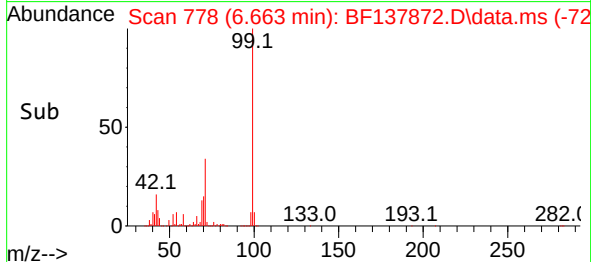
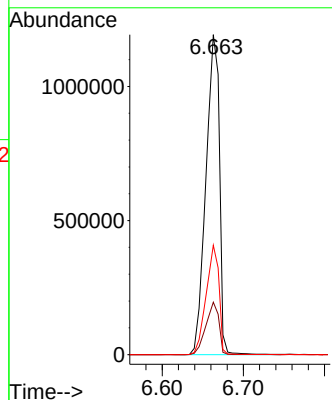
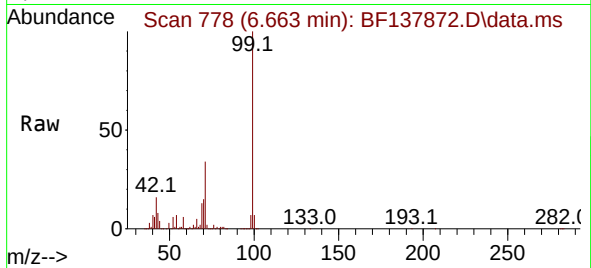




#7
Phenol-d6
Concen: 105.128 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137872.D
Acq: 09 May 2024 19:30

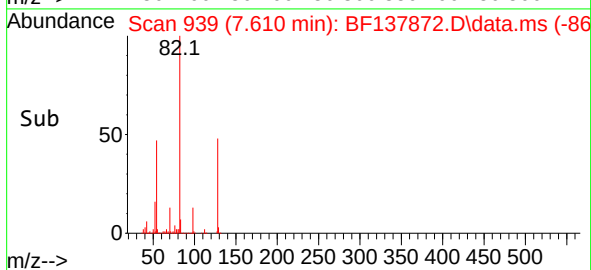
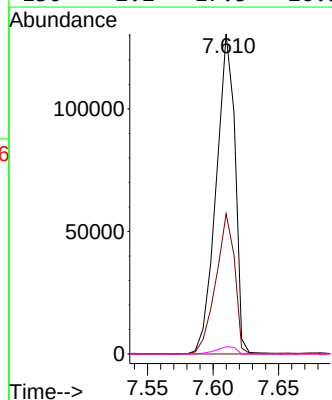
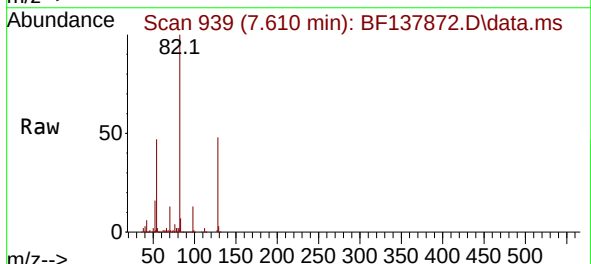
Instrument :
BNA_F
ClientSampleId :
1011UMR-SS004-0212-01

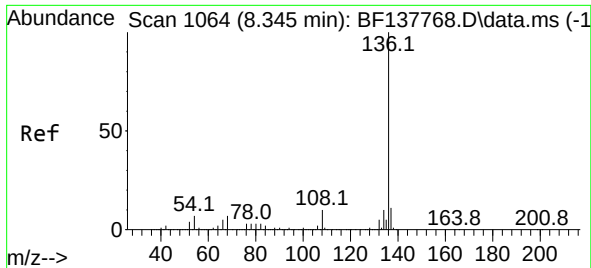
Tgt Ion: 99 Resp: 1376557
Ion Ratio Lower Upper
99 100
42 16.4 13.2 19.8
71 34.2 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.657 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137872.D
Acq: 09 May 2024 19:30

Tgt Ion: 70 Resp: 130344
Ion Ratio Lower Upper
70 100
42 43.8 44.6 66.8#
101 0.0 7.8 11.6#
130 2.2 17.5 26.3#



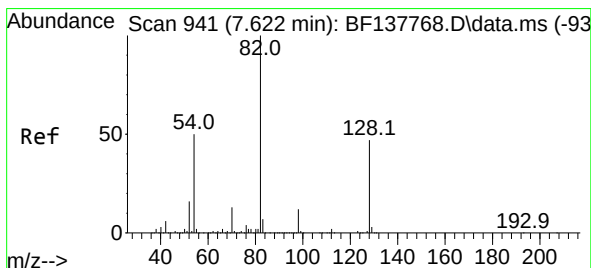
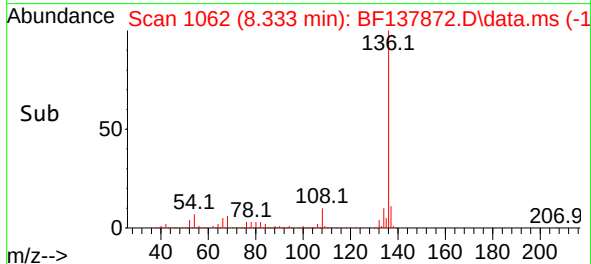
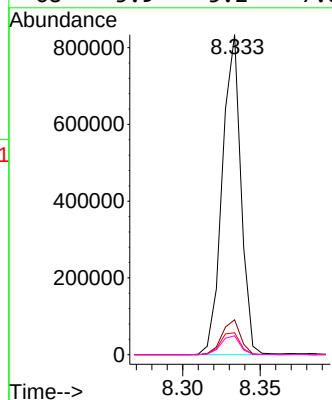
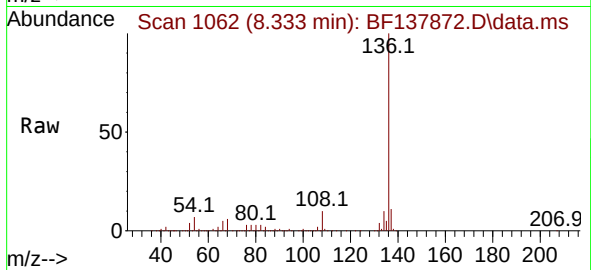


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137872.D
Acq: 09 May 2024 19:30

Instrument :
BNA_F
ClientSampleId :
1011UMR-SS004-0212-01

Tgt Ion:136 Resp: 698332

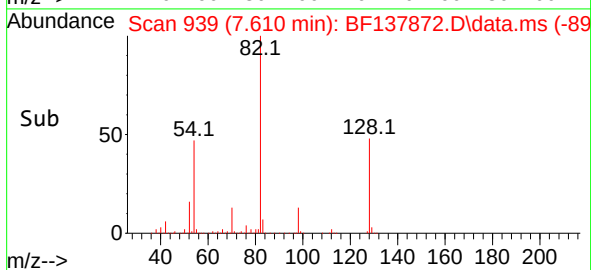
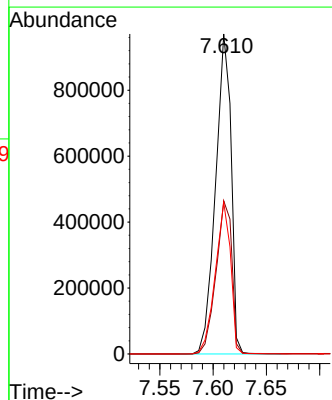
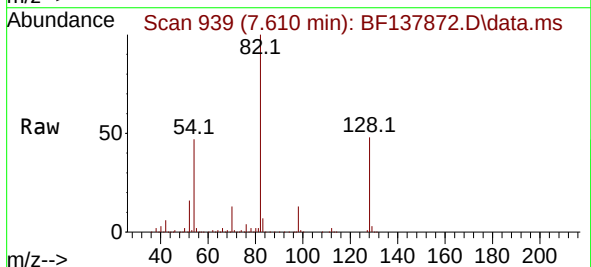
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	5.8	8.8
68	5.9	5.2	7.8

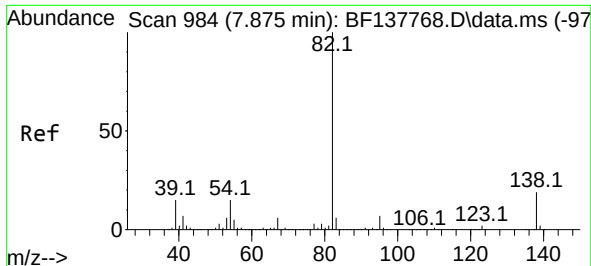


#23
Nitrobenzene-d5
Concen: 81.837 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137872.D
Acq: 09 May 2024 19:30

Tgt Ion: 82 Resp: 983674

Ion	Ratio	Lower	Upper
82	100		
128	47.9	37.5	56.3
54	47.4	39.8	59.6

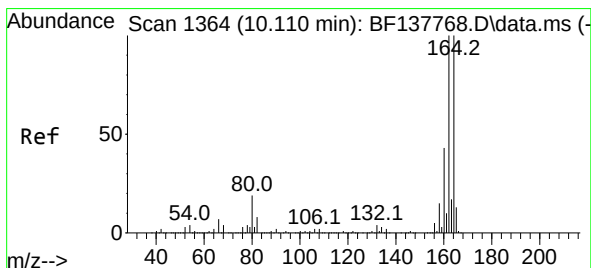
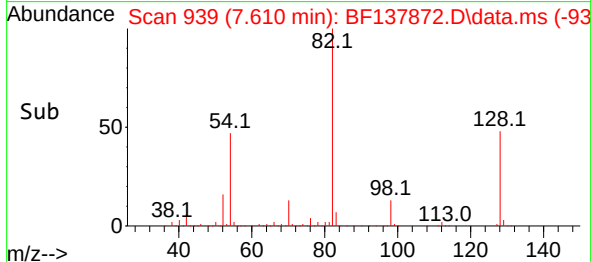
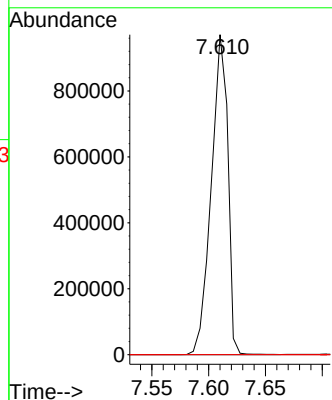
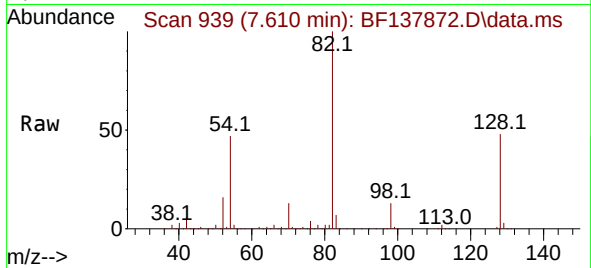




#25
Isophorone
Concen: 45.389 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137872.D
Acq: 09 May 2024 19:30

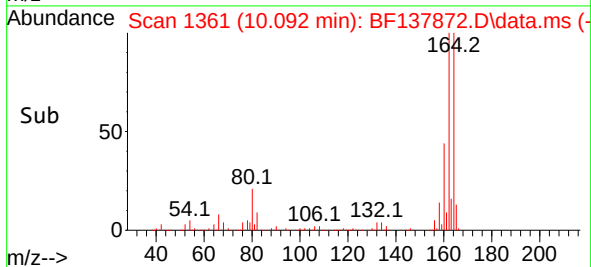
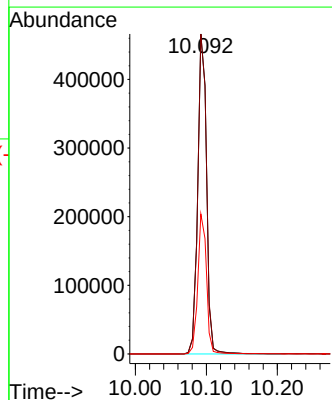
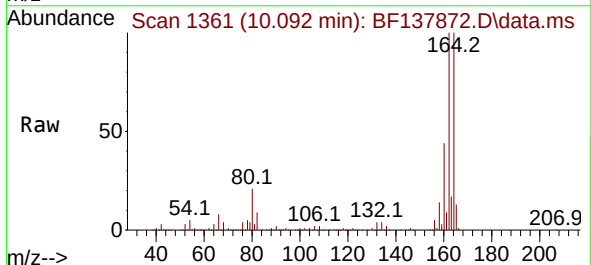
Instrument :
BNA_F
ClientSampleId :
1011UMR-SS004-0212-01

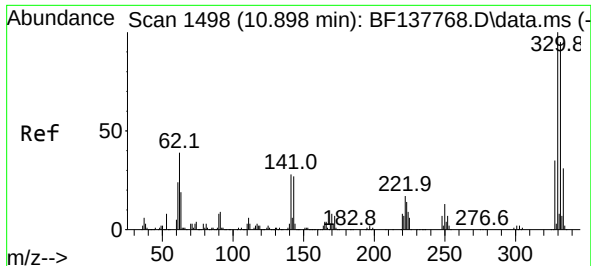
Tgt Ion: 82 Resp: 983662
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137872.D
Acq: 09 May 2024 19:30

Tgt Ion:164 Resp: 403642
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.6
160 43.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 130.250 ng

RT: 10.886 min Scan# 1498

Delta R.T. -0.012 min

Lab File: BF137872.D

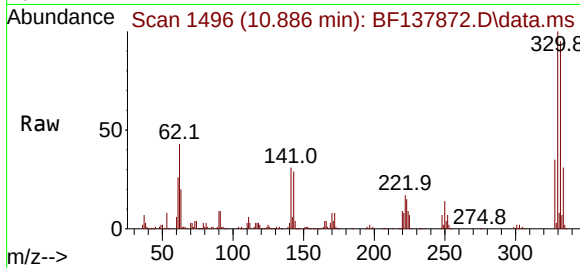
Acq: 09 May 2024 19:30

Instrument :

BNA_F

ClientSampleId :

1011UMR-SS004-0212-01



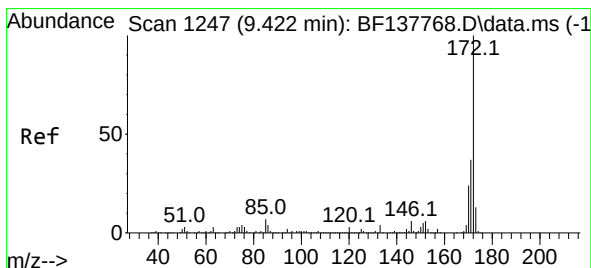
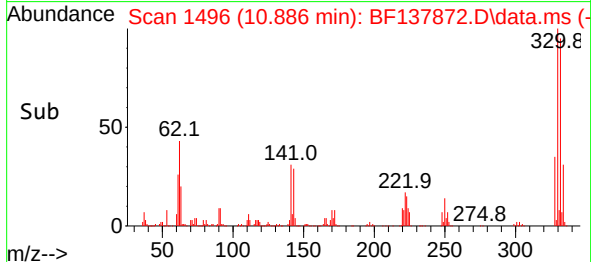
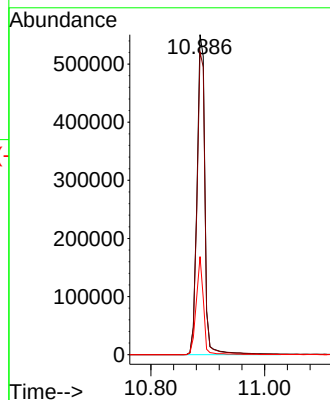
Tgt Ion:330 Resp: 536799

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 28.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 83.244 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137872.D

Acq: 09 May 2024 19:30

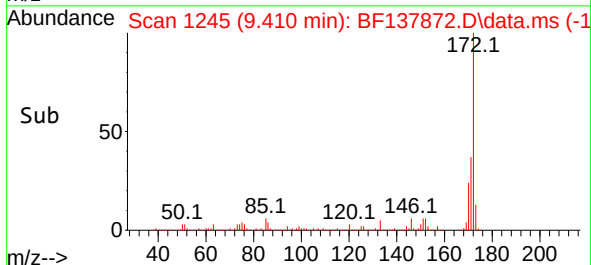
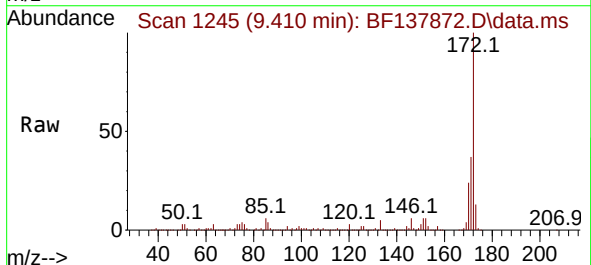
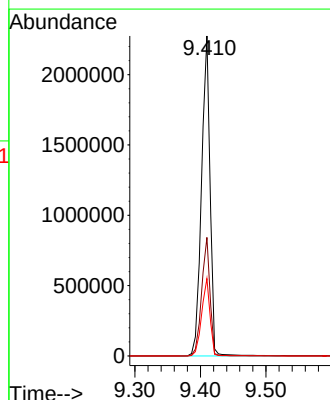
Tgt Ion:172 Resp: 2071090

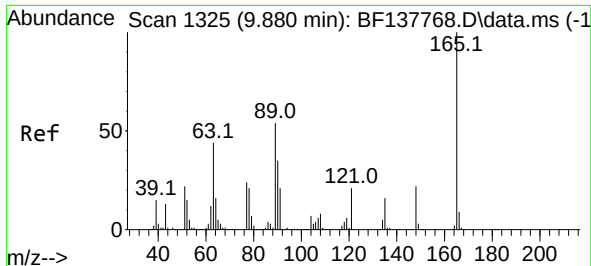
Ion Ratio Lower Upper

172 100

171 37.1 29.6 44.4

170 24.2 19.4 29.2

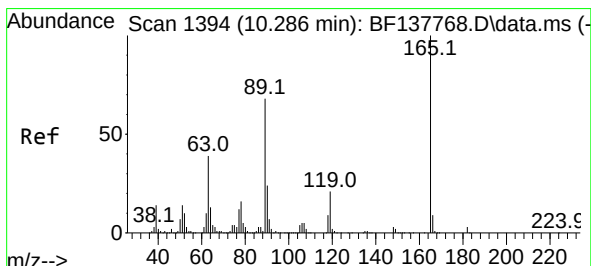
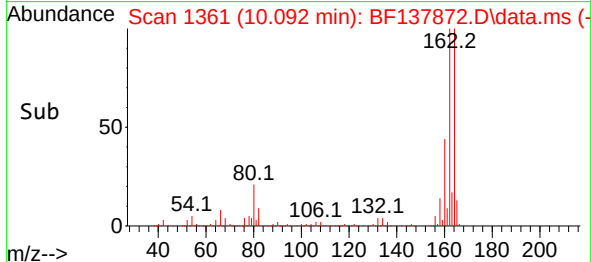
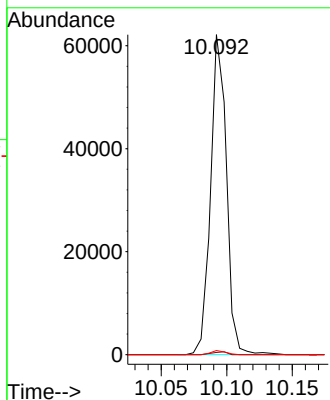
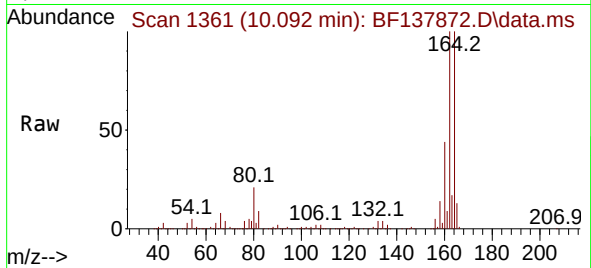




#51
2,6-Dinitrotoluene
Concen: 8.994 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137872.D
Acq: 09 May 2024 19:30

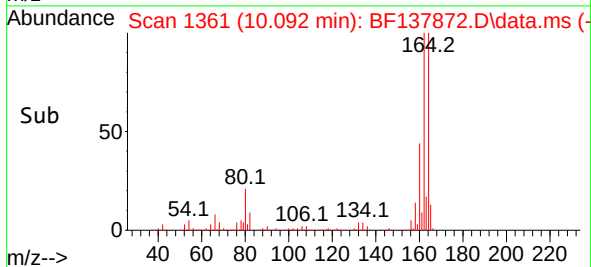
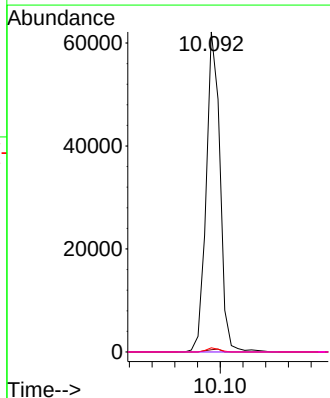
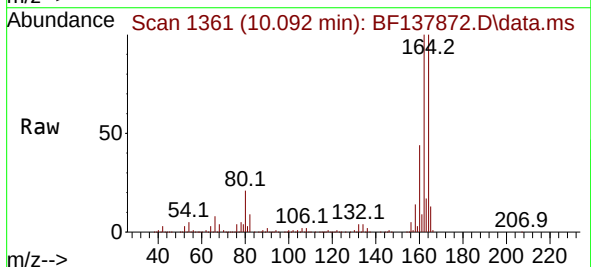
Instrument :
BNA_F
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1011UMR-SS004-0212-01

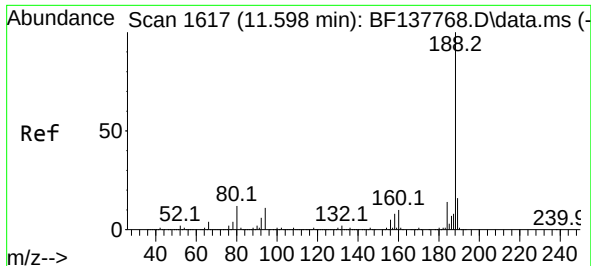
Tgt Ion:165 Resp: 52377
Ion Ratio Lower Upper
165 100
63 0.7 41.9 62.9#
89 1.3 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.885 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137872.D
Acq: 09 May 2024 19:30

Tgt Ion:165 Resp: 52378
Ion Ratio Lower Upper
165 100
63 0.7 31.3 46.9#
89 1.3 54.2 81.4#
182 0.0 2.2 3.2#

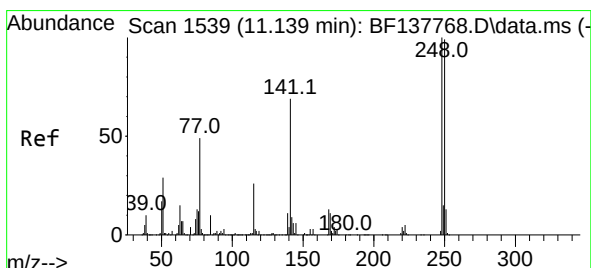
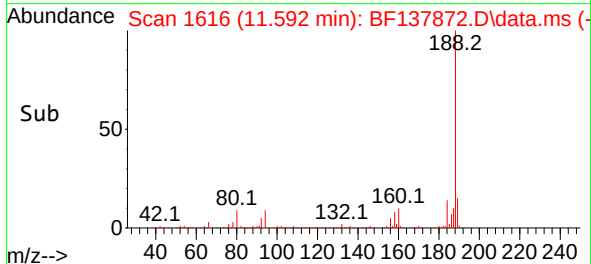
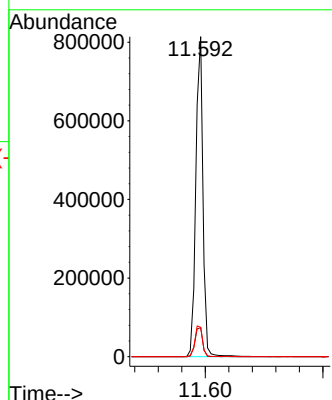
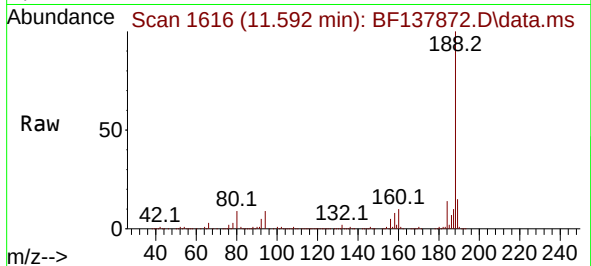




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137872.D
Acq: 09 May 2024 19:30

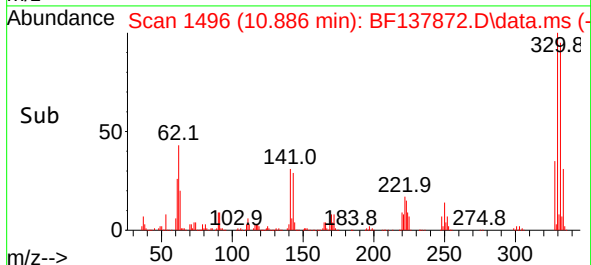
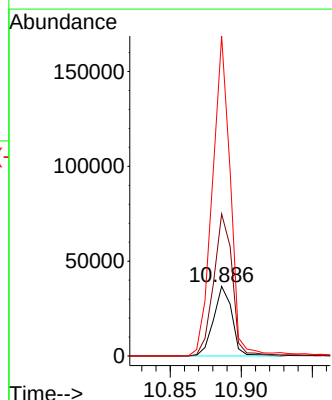
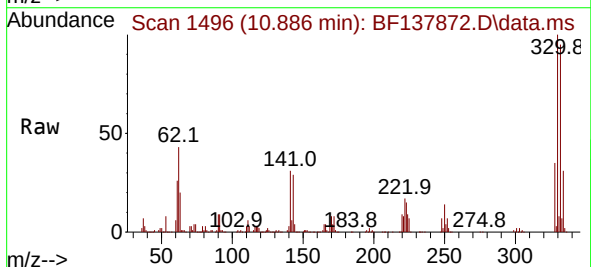
Instrument :
BNA_F
ClientSampleId :
1011UMR-SS004-0212-01

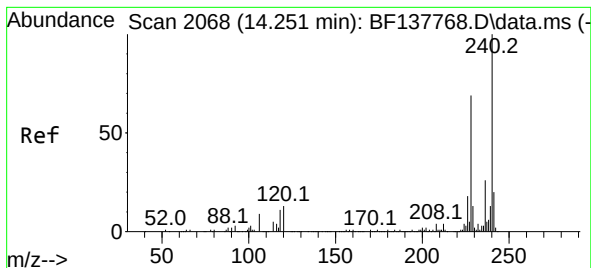
Tgt Ion:188 Resp: 683703
Ion Ratio Lower Upper
188 100
94 9.1 8.8 13.2
80 9.2 9.6 14.4#



#67
4-Bromophenyl-phenylether
Concen: 4.523 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF137872.D
Acq: 09 May 2024 19:30

Tgt Ion:248 Resp: 33092
Ion Ratio Lower Upper
248 100
250 204.3 79.1 118.7#
141 460.1 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: BF137872.D

Acq: 09 May 2024 19:30

Instrument :

BNA_F

ClientSampleId :

1011UMR-SS004-0212-01

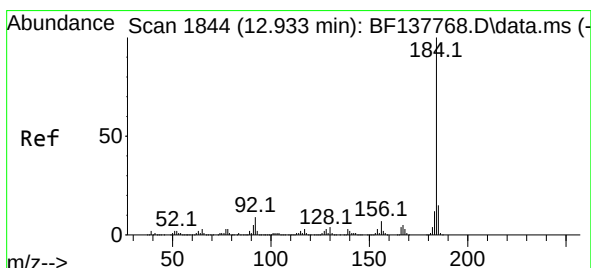
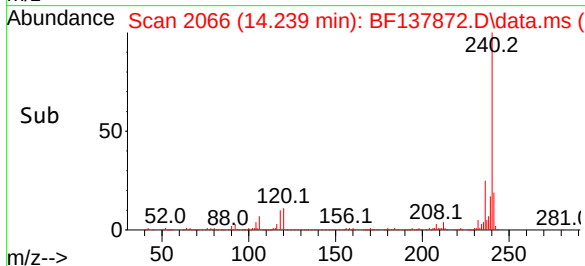
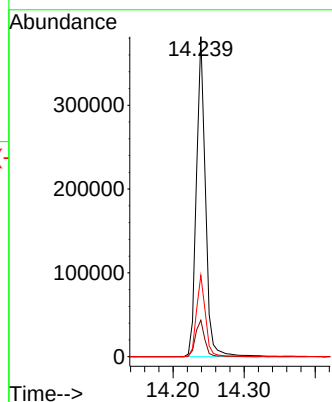
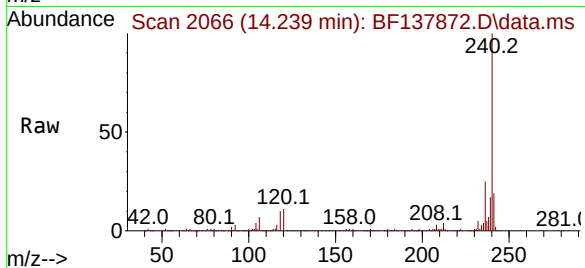
Tgt Ion:240 Resp: 341016

Ion Ratio Lower Upper

240 100

120 11.4 10.4 15.6

236 25.4 20.4 30.6



#77

Benzidine

Concen: 3.328 ng

RT: 13.180 min Scan# 1886

Delta R.T. 0.247 min

Lab File: BF137872.D

Acq: 09 May 2024 19:30

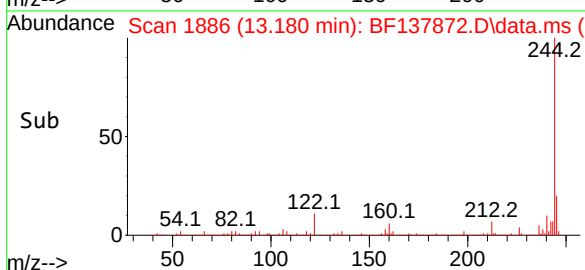
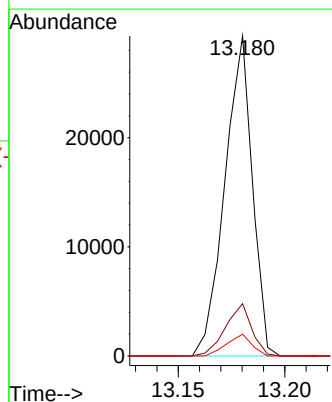
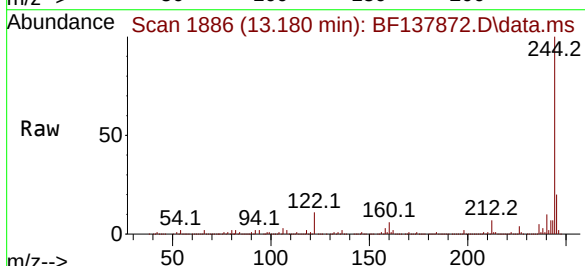
Tgt Ion:184 Resp: 26246

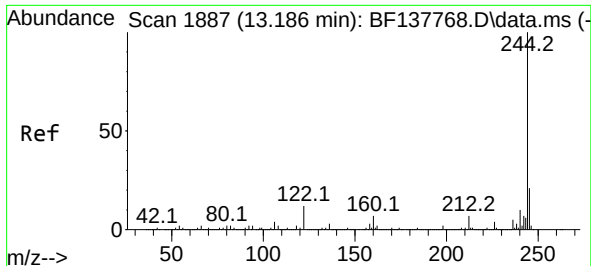
Ion Ratio Lower Upper

184 100

185 16.4 12.3 18.5

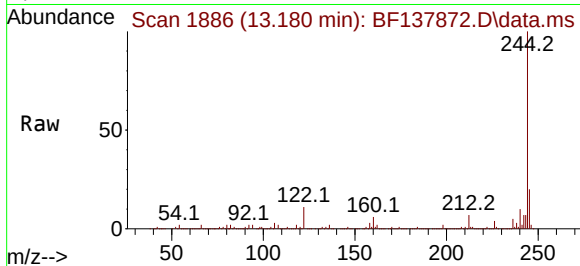
183 6.8 9.2 13.8#



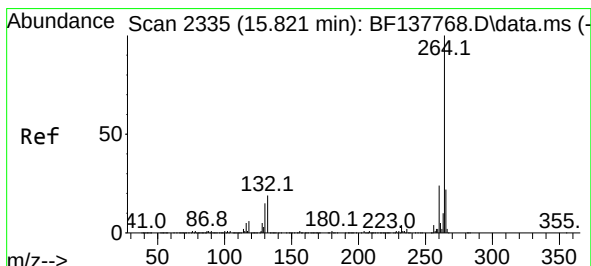
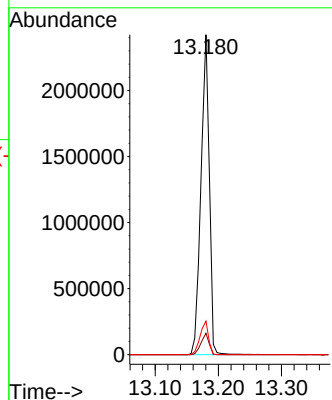
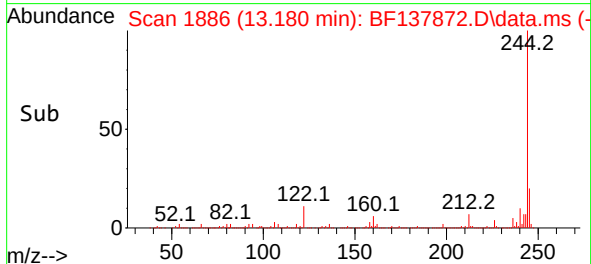


#79
 Terphenyl-d14
 Concen: 108.957 ng
 RT: 13.180 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137872.D
 Acq: 09 May 2024 19:30

Instrument :
 BNA_F
 ClientSampleId :
 1011UMR-SS004-0212-01



Tgt Ion:244 Resp: 2217129
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.5 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: BF137872.D
 Acq: 09 May 2024 19:30

Tgt Ion:264 Resp: 238937
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.9 28.3
 265 21.7 17.4 26.0

