

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126937.D
 Acq On : 17 Feb 2022 20:14
 Operator : CG\JU
 Sample : N1573-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20R

Quant Time: Feb 18 03:45:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

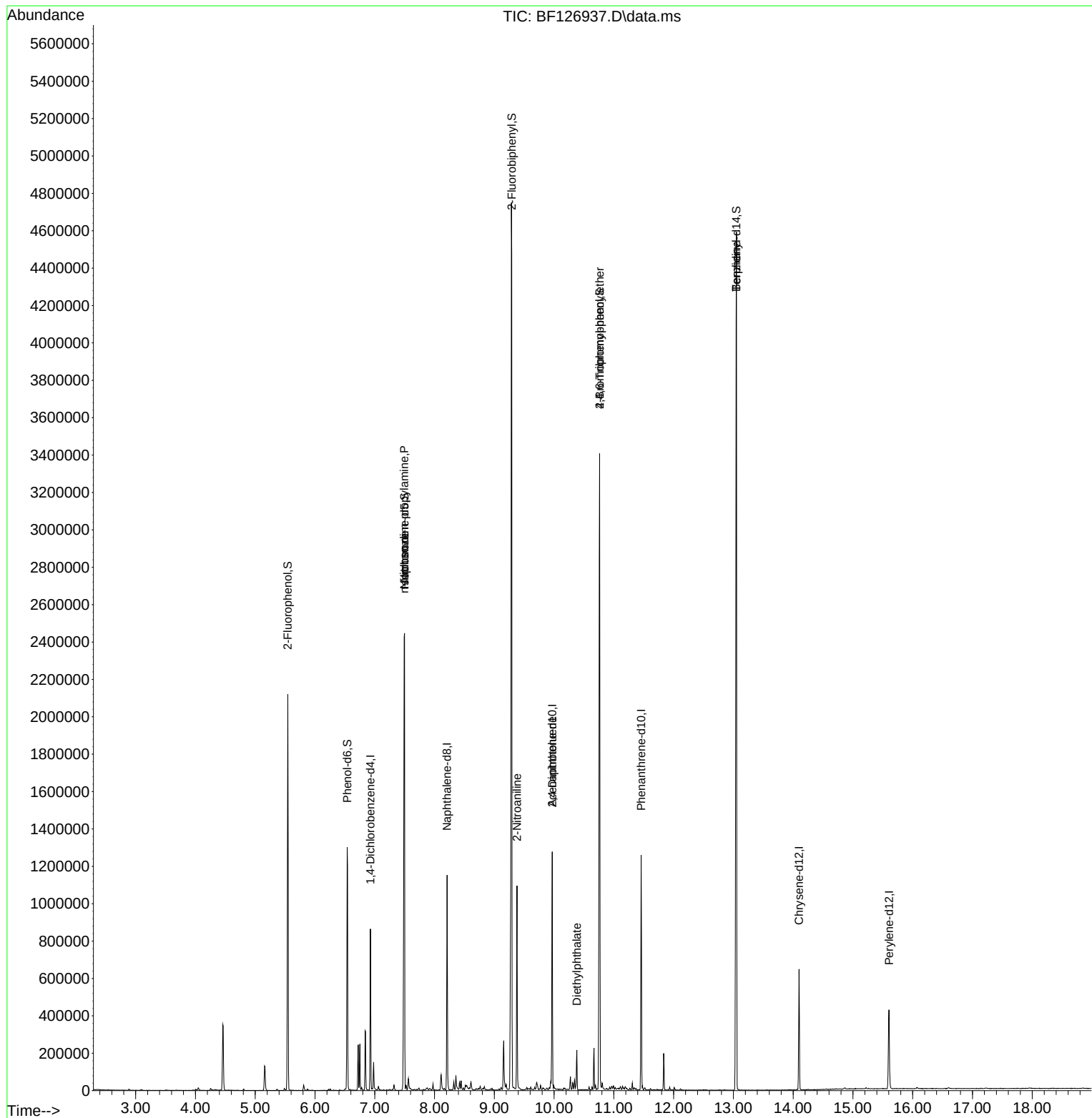
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	101871	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	422515	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	220399	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	394879	20.000	ng	0.00
76) Chrysene-d12	14.098	240	190455	20.000	ng	#-0.01
86) Perylene-d12	15.604	264	182565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	497554	75.488	ng	0.00
7) Phenol-d6	6.539	99	418066	47.007	ng	-0.02
23) Nitrobenzene-d5	7.498	82	942829	100.722	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	402462	158.600	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1492221	99.673	ng	0.00
79) Terphenyl-d14	13.051	244	1593284	122.979	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.492	70	131780	22.995	ng	# 78
25) Isophorone	7.498	82	941150	60.761	ng	# 69
48) 2-Nitroaniline	9.380	65	17532	3.431	ng	# 19
57) 2,4-Dinitrotoluene	9.969	165	28320	6.535	ng	# 16
60) Diethylphthalate	10.380	149	61246	3.721	ng	99
67) 4-Bromophenyl-phenylether	10.763	248	24185	5.482	ng	# 1
77) Benzidine	13.051	184	23951	4.628	ng	97

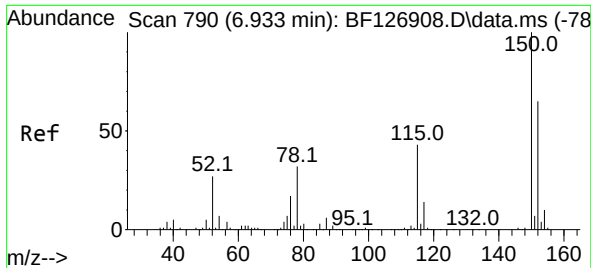
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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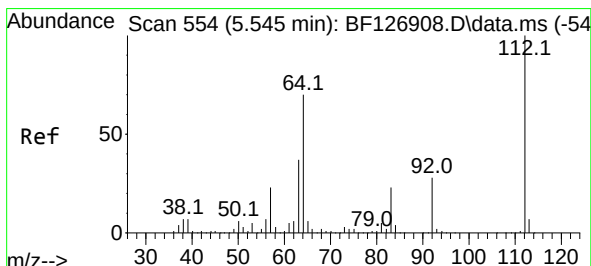
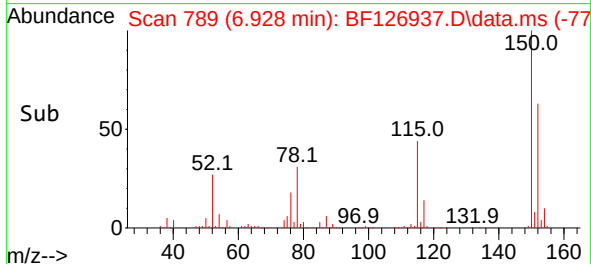
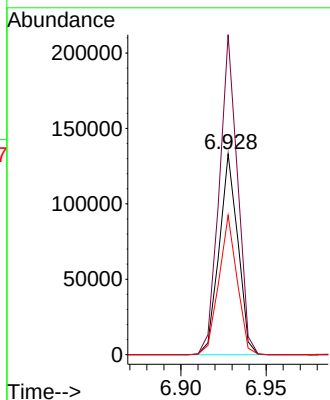
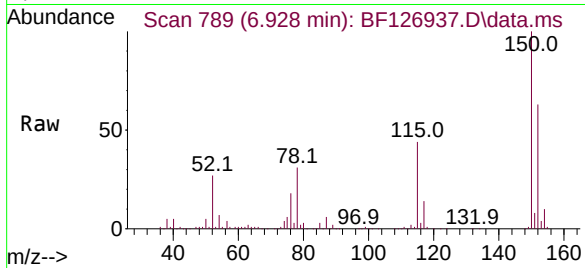




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 790
Delta R.T. -0.005 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

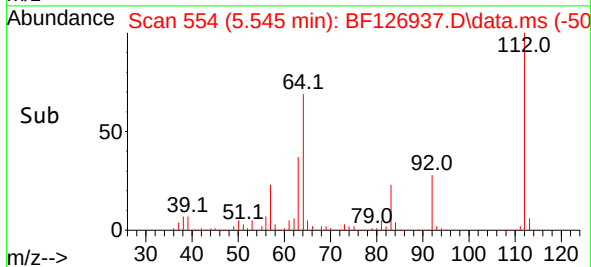
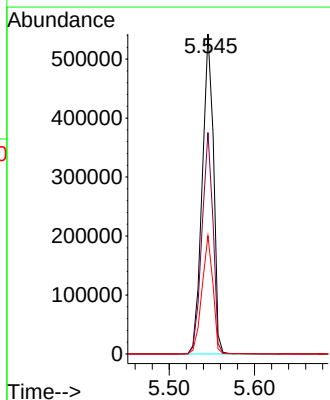
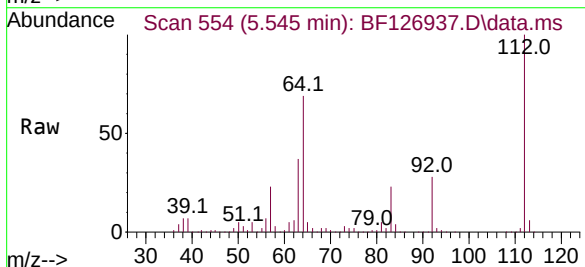
Instrument :
BNA_F
ClientSampleId :
MW-20R

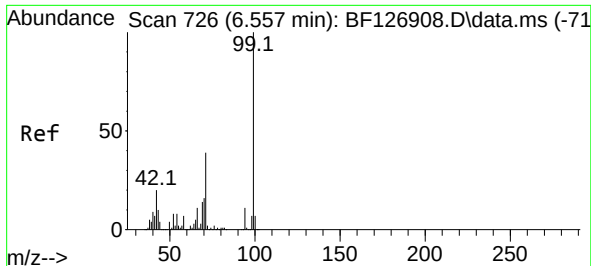
Tgt Ion:152 Resp: 101871
Ion Ratio Lower Upper
152 100
150 159.3 128.1 192.1
115 69.4 56.7 85.1



#5
2-Fluorophenol
Concen: 75.488 ng
RT: 5.545 min Scan# 554
Delta R.T. 0.000 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

Tgt Ion:112 Resp: 497554
Ion Ratio Lower Upper
112 100
64 69.2 49.5 74.3
63 37.0 23.9 35.9#

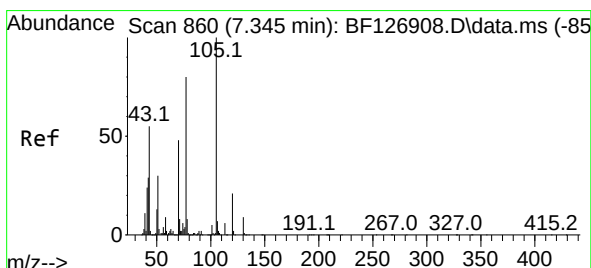
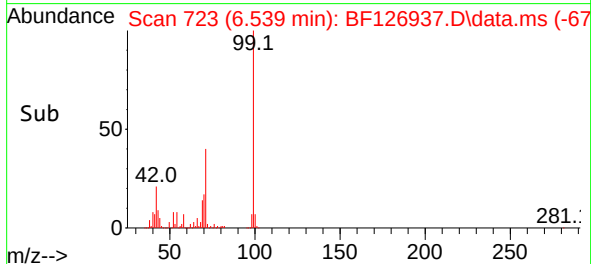
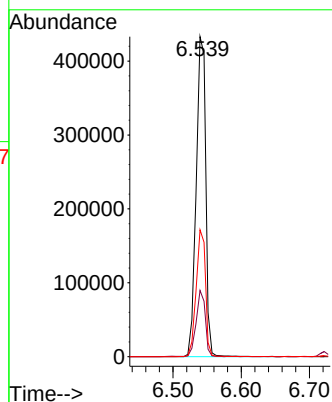
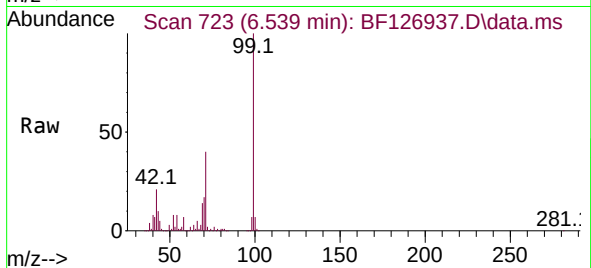




#7
Phenol-d6
Concen: 47.007 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

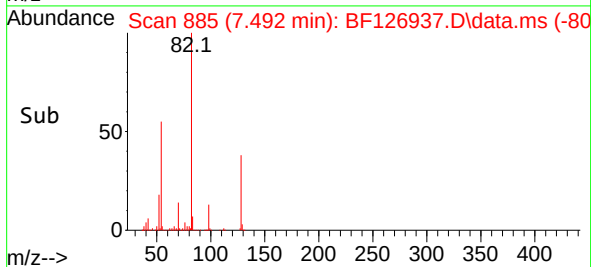
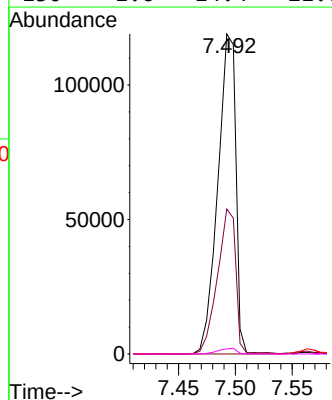
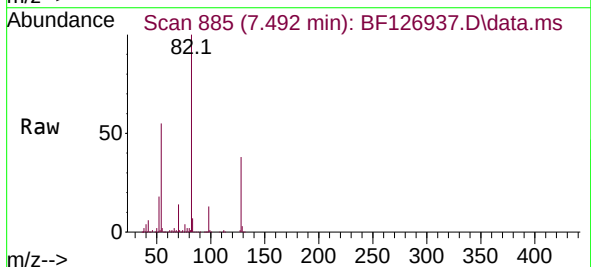
Instrument :
BNA_F
ClientSampleId :
MW-20R

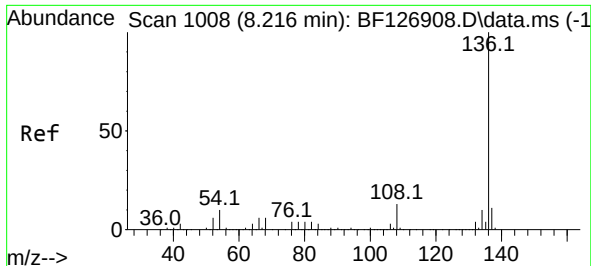
Tgt Ion: 99 Resp: 418066
Ion Ratio Lower Upper
99 100
42 20.7 14.2 21.4
71 39.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 22.995 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

Tgt Ion: 70 Resp: 131780
Ion Ratio Lower Upper
70 100
42 45.3 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

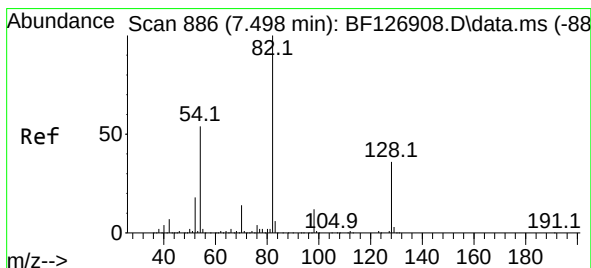
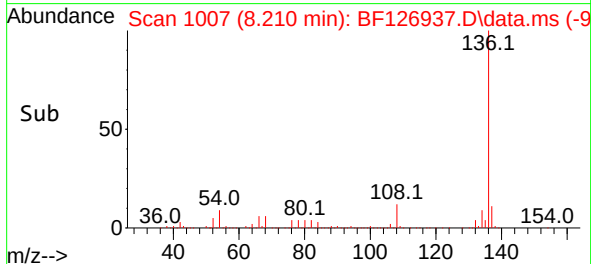
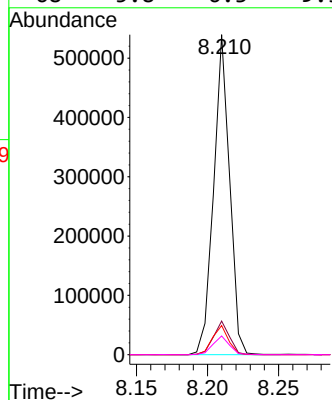
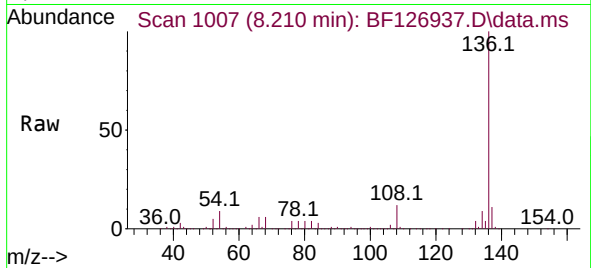




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

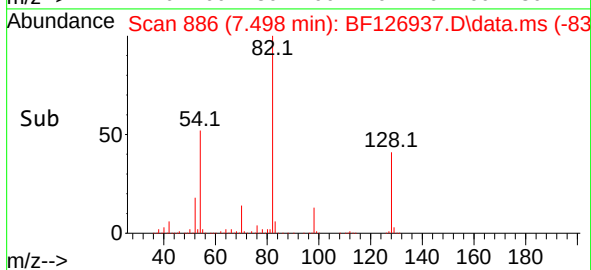
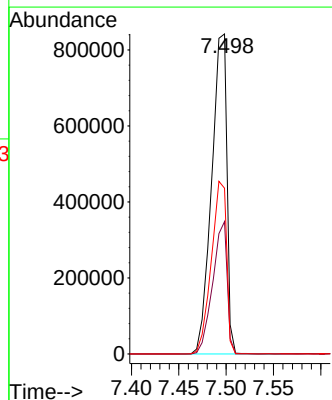
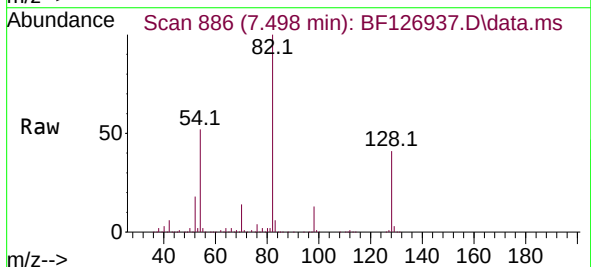
Instrument :
BNA_F
ClientSampleId :
MW-20R

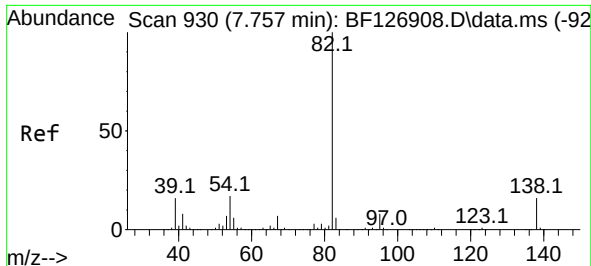
Tgt Ion:136 Resp: 422515
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 9.1 7.8 11.6
68 5.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 100.722 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

Tgt Ion: 82 Resp: 942829
Ion Ratio Lower Upper
82 100
128 41.4 32.7 49.1
54 51.8 41.7 62.5

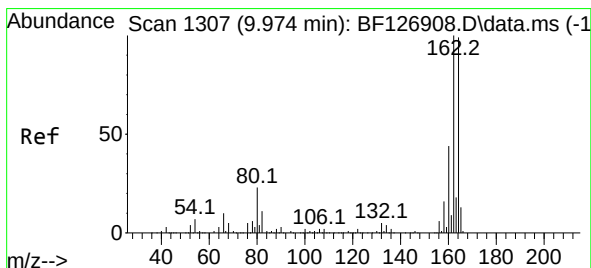
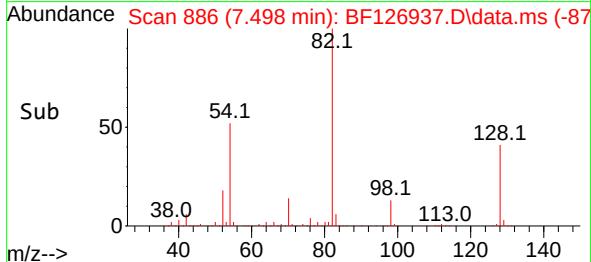
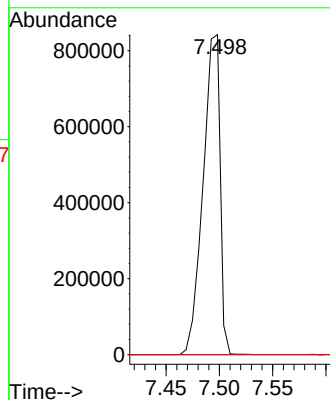
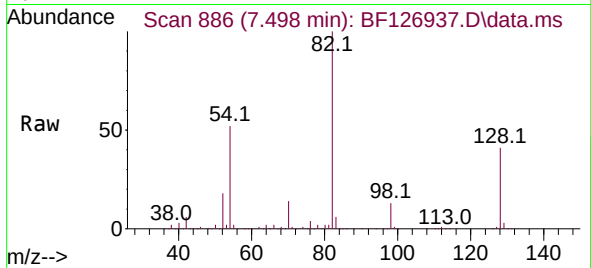




#25
Isophorone
Concen: 60.761 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

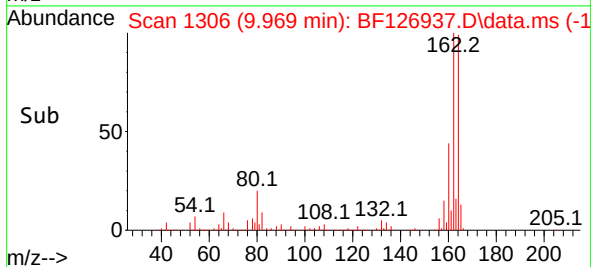
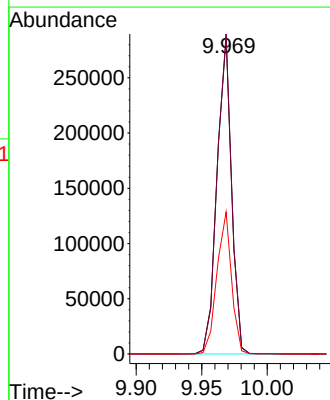
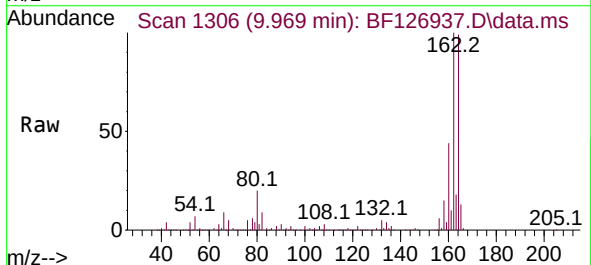
Instrument :
BNA_F
ClientSampleId :
MW-20R

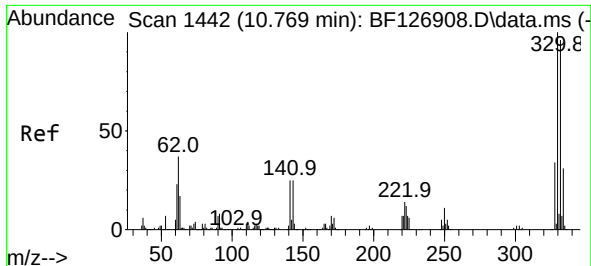
Tgt Ion: 82 Resp: 941150
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

Tgt Ion:164 Resp: 220399
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 44.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 158.600 ng

RT: 10.763 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF126937.D

Acq: 17 Feb 2022 20:14

Instrument :

BNA_F

ClientSampleId :

MW-20R

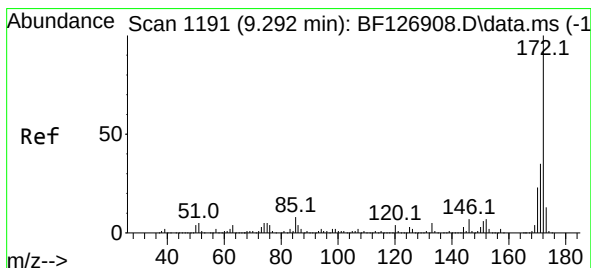
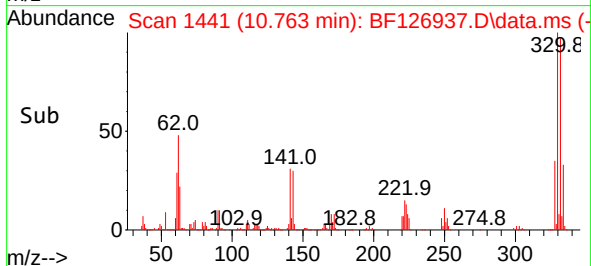
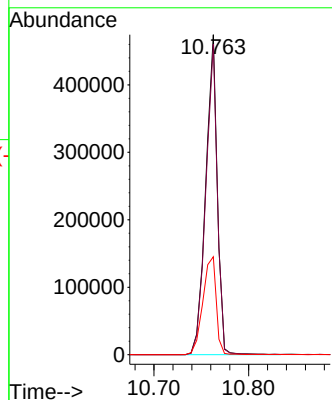
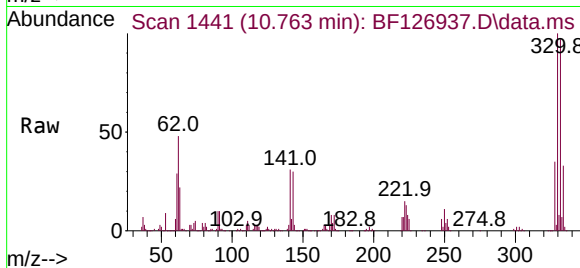
Tgt Ion:330 Resp: 402462

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

141 35.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 99.673 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126937.D

Acq: 17 Feb 2022 20:14

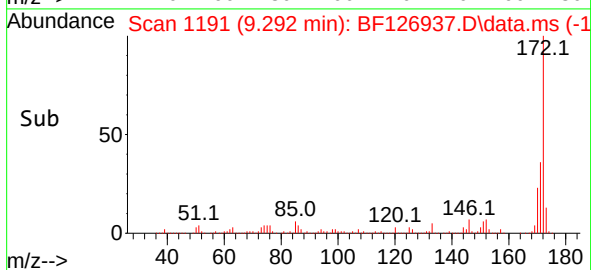
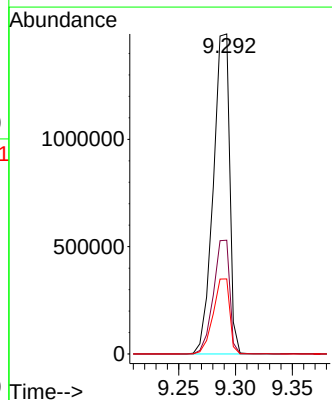
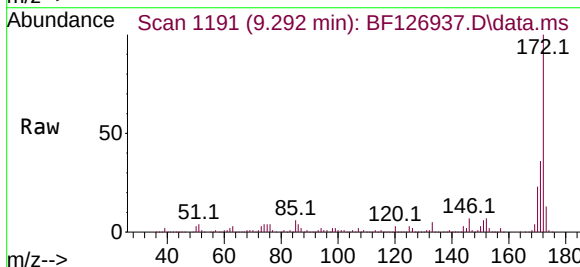
Tgt Ion:172 Resp: 1492221

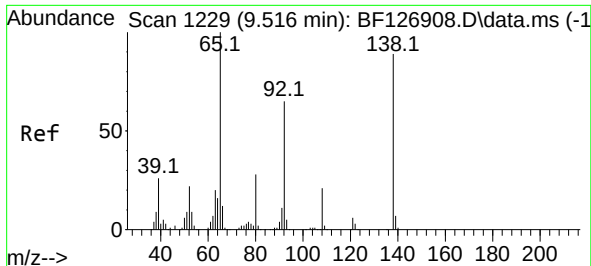
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 19.0 28.6

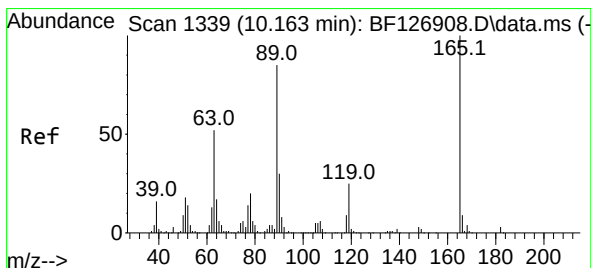
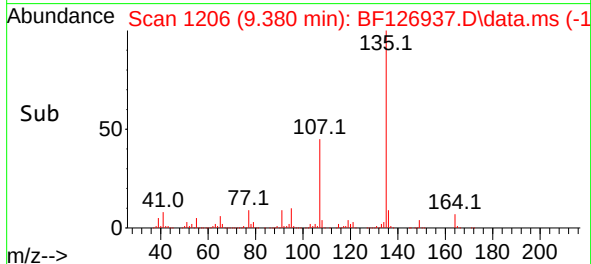
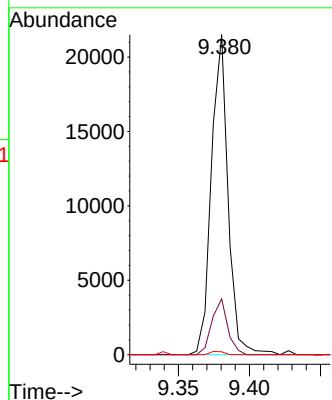
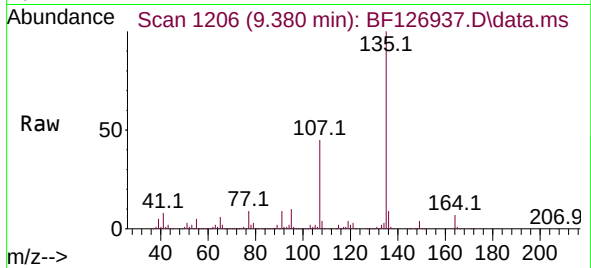




#48
2-Nitroaniline
Concen: 3.431 ng
RT: 9.380 min Scan# 11
Delta R.T. -0.135 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

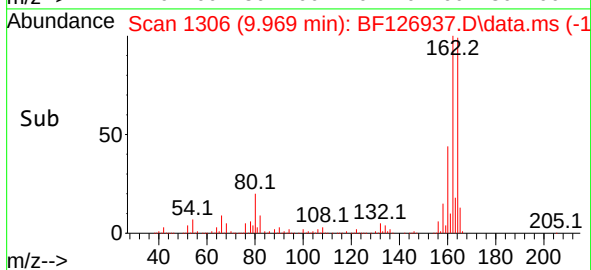
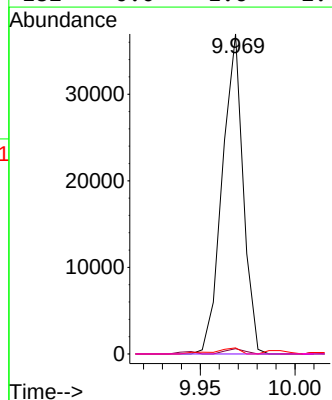
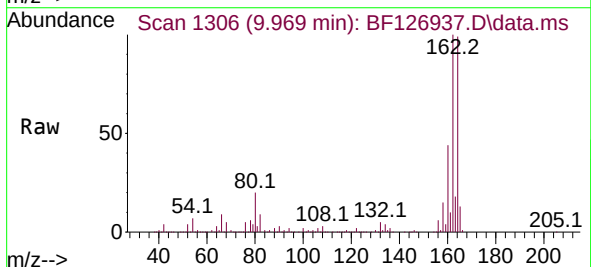
Instrument :
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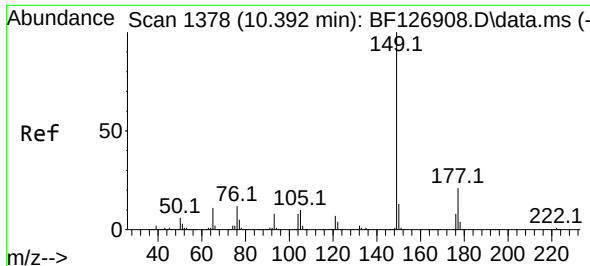
Tgt Ion: 65 Resp: 17532
Ion Ratio Lower Upper
65 100
92 17.5 54.4 81.6#
138 0.9 72.5 108.7#



#57
2,4-Dinitrotoluene
Concen: 6.535 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

Tgt Ion:165 Resp: 28320
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#

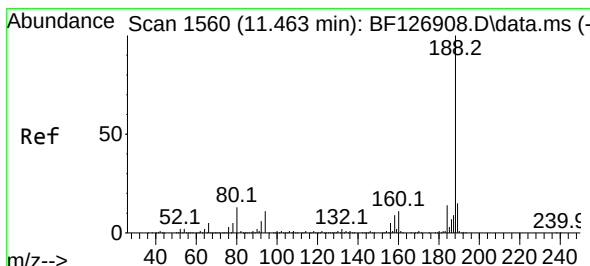
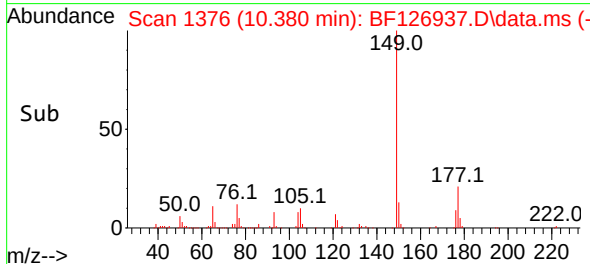
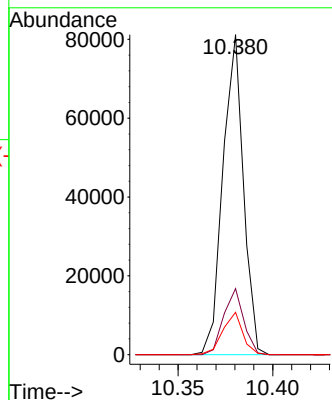
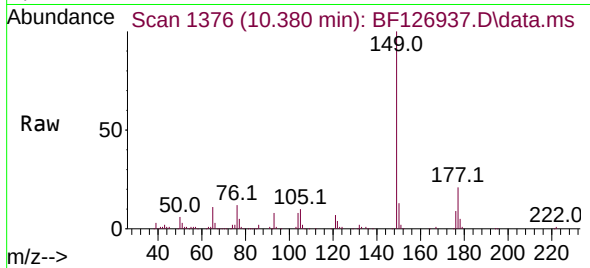




#60
Diethylphthalate
Concen: 3.721 ng
RT: 10.380 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

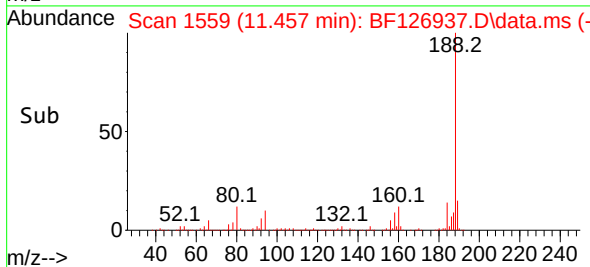
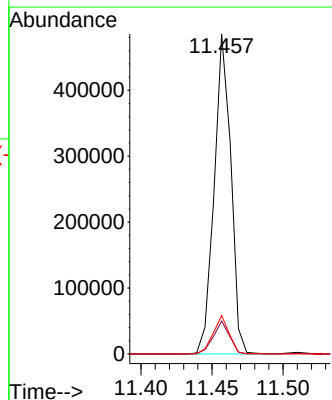
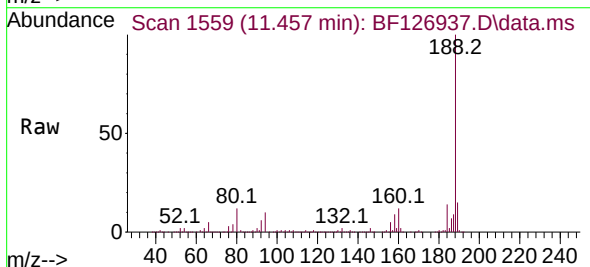
Instrument :
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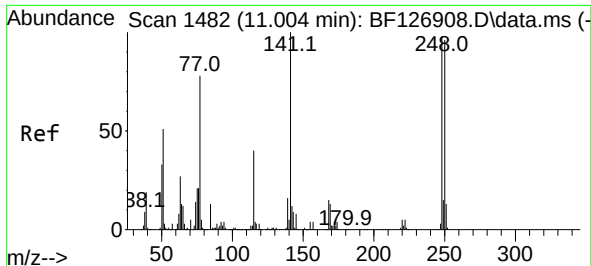
Tgt Ion:149 Resp: 61246
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 13.2 9.8 14.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

Tgt Ion:188 Resp: 394879
Ion Ratio Lower Upper
188 100
94 10.3 10.1 15.1
80 12.0 11.8 17.6





#67

4-Bromophenyl-phenylether

Concen: 5.482 ng

RT: 10.763 min Scan# 14

Delta R.T. -0.241 min

Lab File: BF126937.D

Acq: 17 Feb 2022 20:14

Instrument :

BNA_F

ClientSampleId :

MW-20R

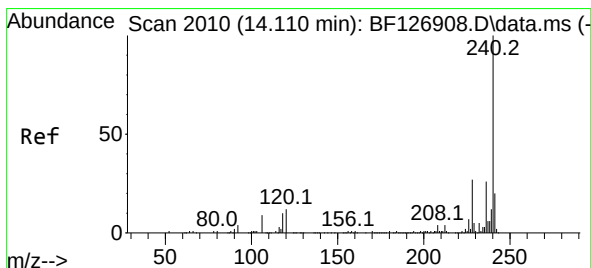
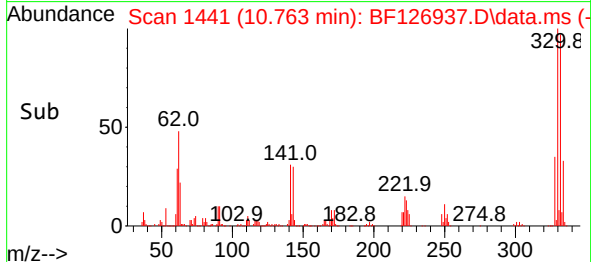
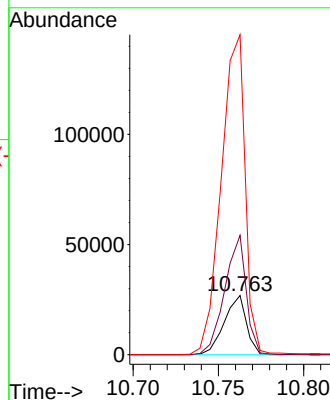
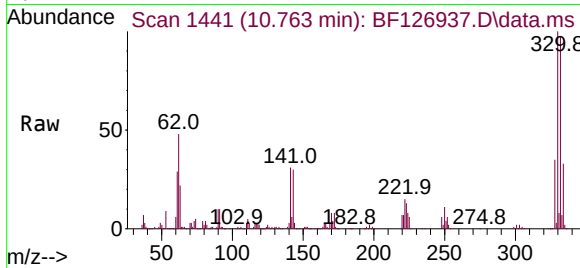
Tgt Ion:248 Resp: 24185

Ion Ratio Lower Upper

248 100

250 201.6 76.2 114.4#

141 540.6 66.2 99.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2008

Delta R.T. -0.012 min

Lab File: BF126937.D

Acq: 17 Feb 2022 20:14

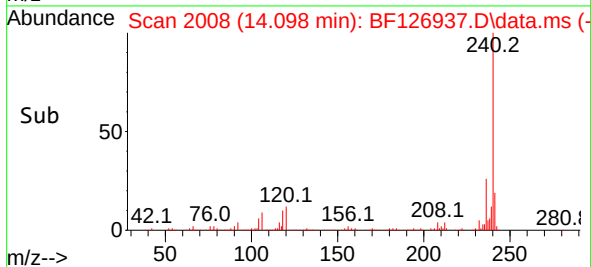
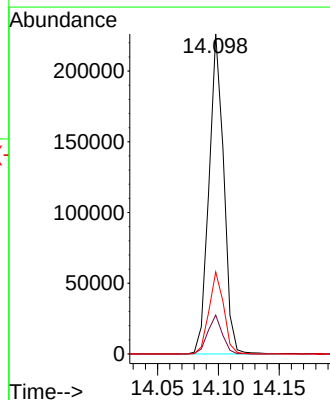
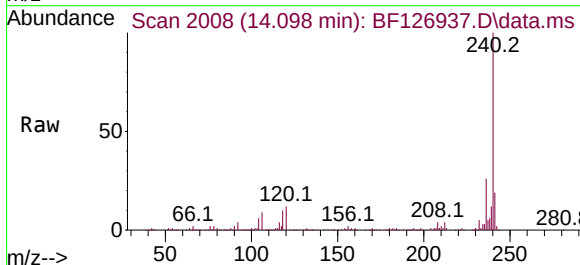
Tgt Ion:240 Resp: 190455

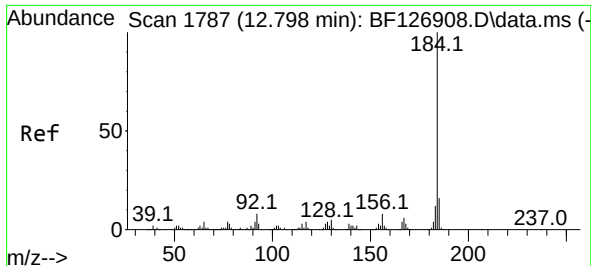
Ion Ratio Lower Upper

240 100

120 12.1 14.4 21.6#

236 25.6 20.5 30.7

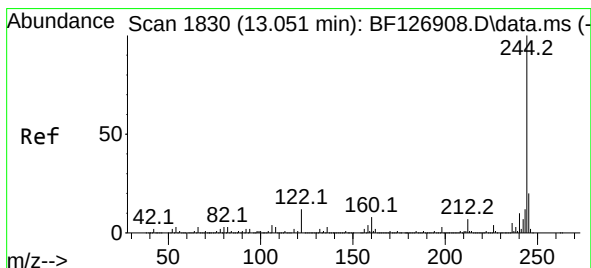
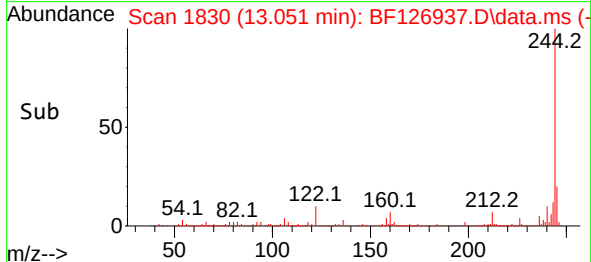
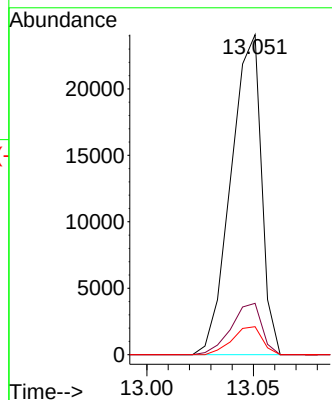
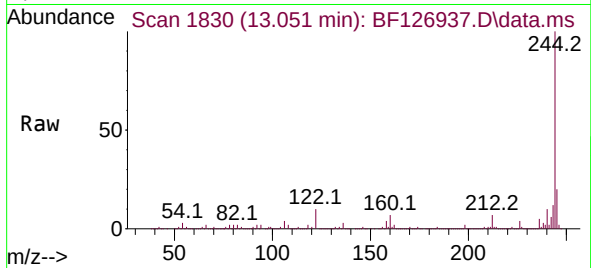




#77
Benzidine
Concen: 4.628 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.253 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

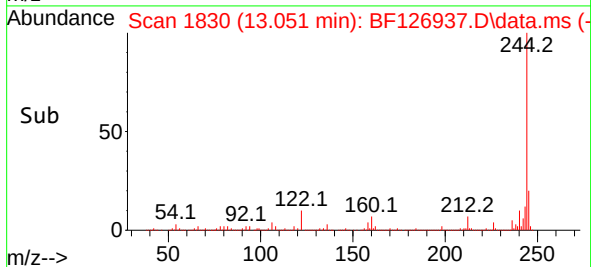
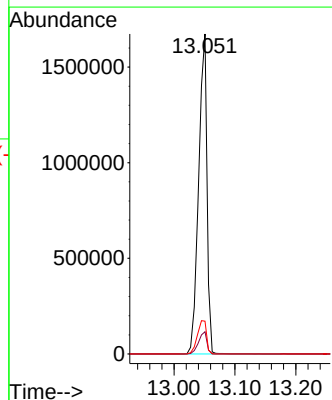
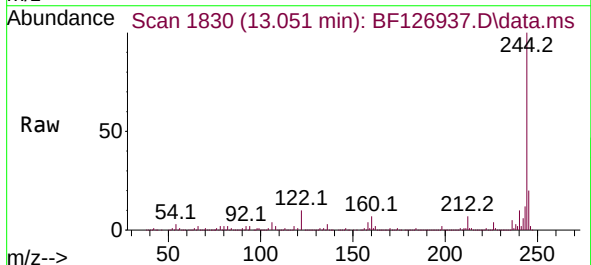
Instrument :
BNA_F
ClientSampleId :
MW-20R

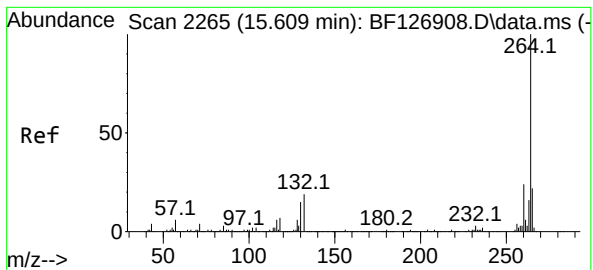
Tgt Ion:184 Resp: 23951
Ion Ratio Lower Upper
184 100
185 16.0 11.8 17.8
183 8.8 8.2 12.2



#79
Terphenyl-d14
Concen: 122.979 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF126937.D
Acq: 17 Feb 2022 20:14

Tgt Ion:244 Resp: 1593284
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 10.2 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126937.D
 Acq: 17 Feb 2022 20:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-20R

Tgt Ion:264 Resp: 182565
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 20.8 17.4 26.2

