

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126938.D
 Acq On : 17 Feb 2022 20:44
 Operator : CG\JU
 Sample : N1573-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-26R

Quant Time: Feb 18 03:45:55 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)

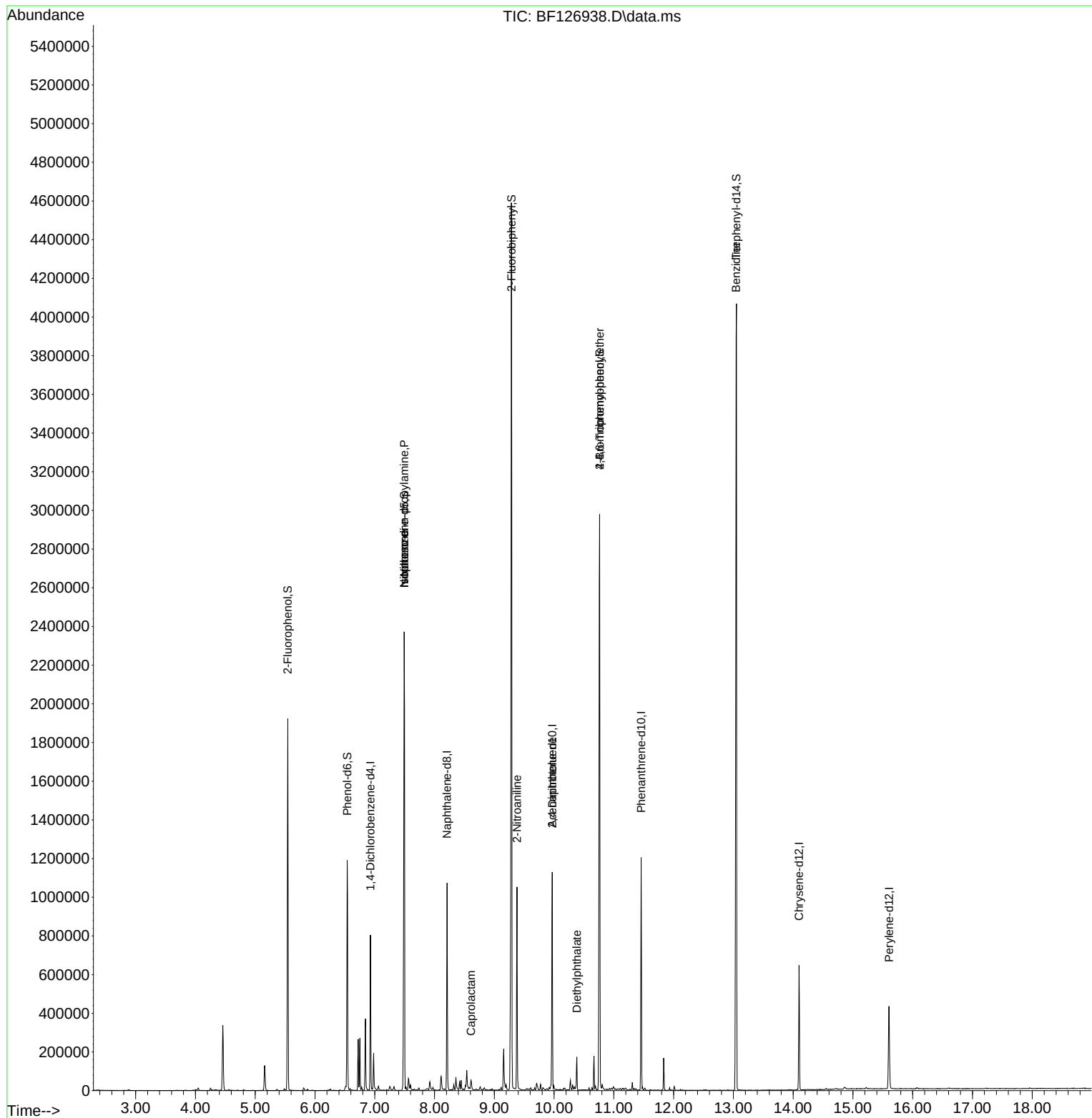
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	93520	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	387368	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	201879	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	360679	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	186795	20.000	ng	#-0.01
86) Perylene-d12	15.604	264	183637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	441224	72.920	ng	0.00
7) Phenol-d6	6.539	99	363945	44.575	ng	-0.02
23) Nitrobenzene-d5	7.492	82	855163	99.646	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	353876	152.246	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1333390	97.234	ng	0.00
79) Terphenyl-d14	13.051	244	1475050	116.083	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	117732	22.378	ng	# 82
25) Isophorone	7.492	82	853466	60.099	ng	# 69
35) Caprolactam	8.610	113	5500	2.954	ng	# 88
48) 2-Nitroaniline	9.380	65	16341	3.491	ng	# 20
57) 2,4-Dinitrotoluene	9.969	165	25478	6.418	ng	# 16
60) Diethylphthalate	10.380	149	48489	3.216	ng	# 99
67) 4-Bromophenyl-phenylether	10.763	248	21145	5.247	ng	# 1
77) Benzidine	13.045	184	22952	4.521	ng	# 92

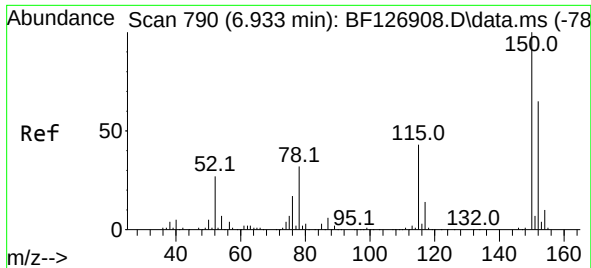
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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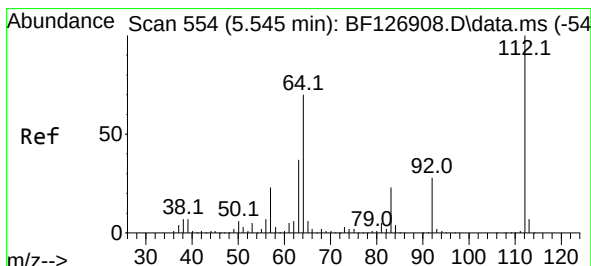
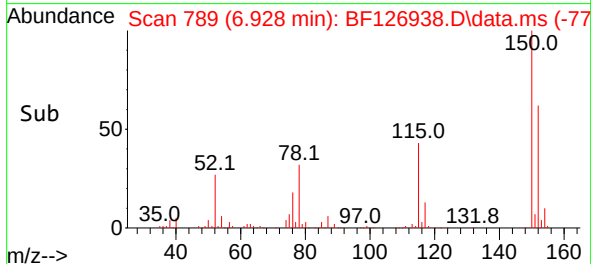
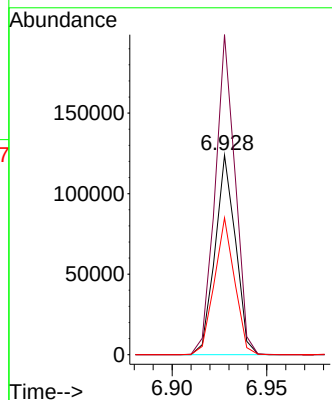
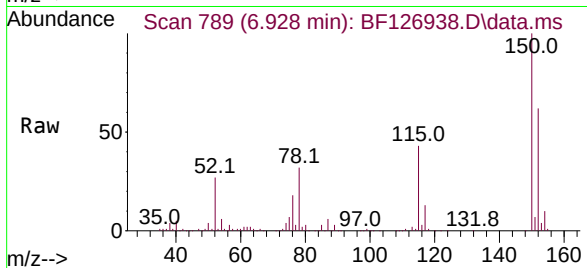




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 790
 Delta R.T. -0.005 min
 Lab File: BF126938.D
 Acq: 17 Feb 2022 20:44

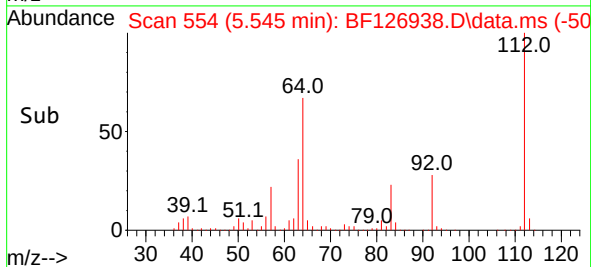
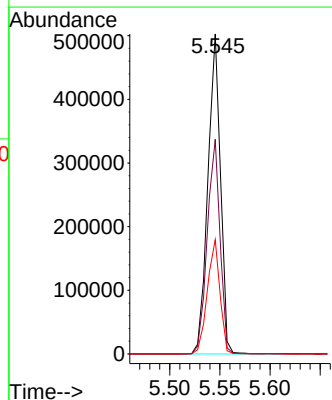
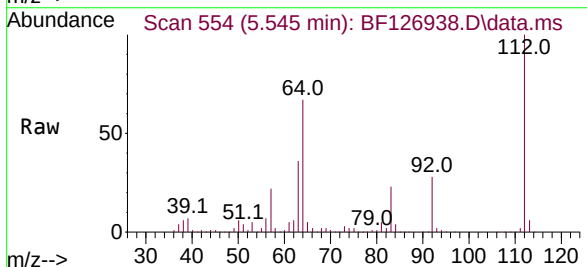
Instrument :
 BNA_F
 ClientSampleId :
 MW-26R

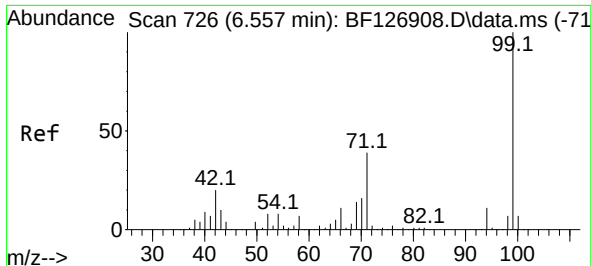
Tgt Ion:152 Resp: 93520
 Ion Ratio Lower Upper
 152 100
 150 160.4 128.1 192.1
 115 68.5 56.7 85.1



#5
 2-Fluorophenol
 Concen: 72.920 ng
 RT: 5.545 min Scan# 554
 Delta R.T. 0.000 min
 Lab File: BF126938.D
 Acq: 17 Feb 2022 20:44

Tgt Ion:112 Resp: 441224
 Ion Ratio Lower Upper
 112 100
 64 67.0 49.5 74.3
 63 35.7 23.9 35.9

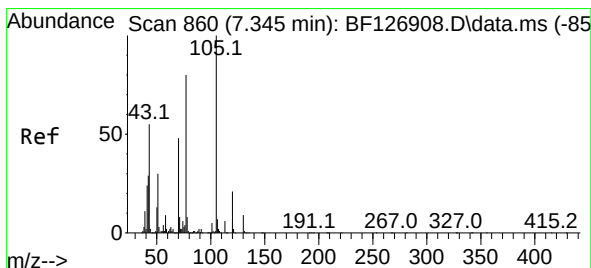
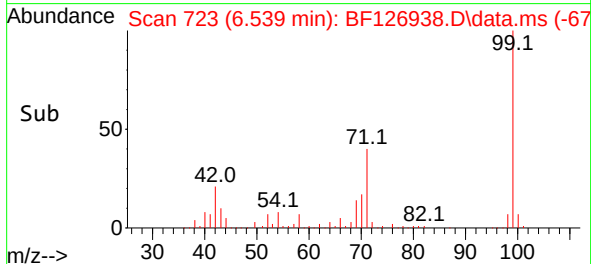
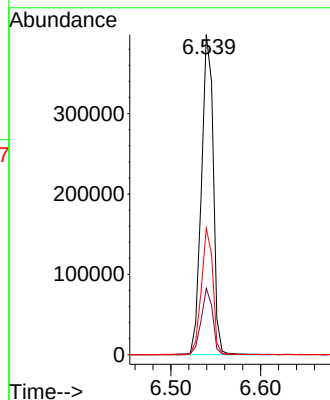
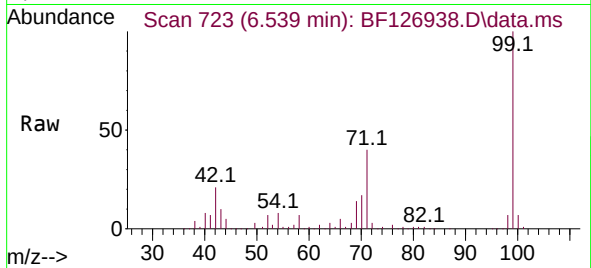




#7
Phenol-d6
Concen: 44.575 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

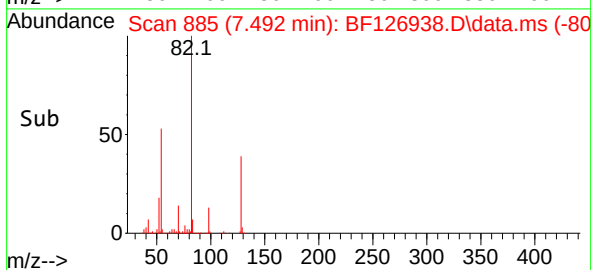
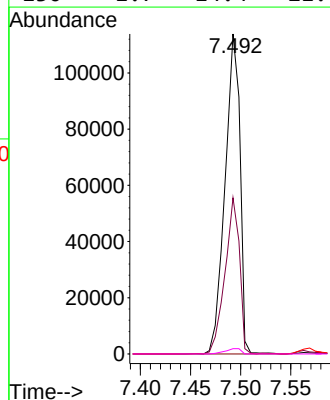
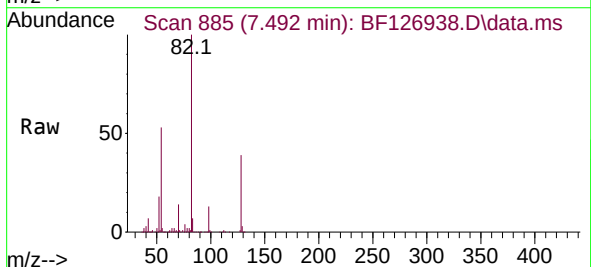
Instrument :
BNA_F
ClientSampleId :
MW-26R

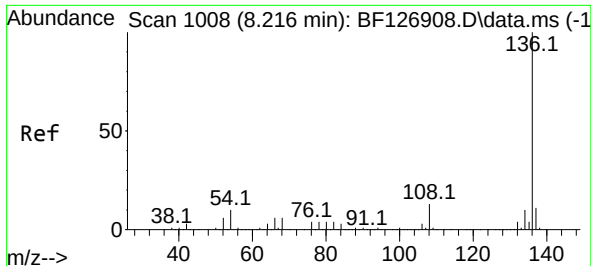
Tgt Ion: 99 Resp: 363945
Ion Ratio Lower Upper
99 100
42 20.8 14.2 21.4
71 39.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 22.378 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

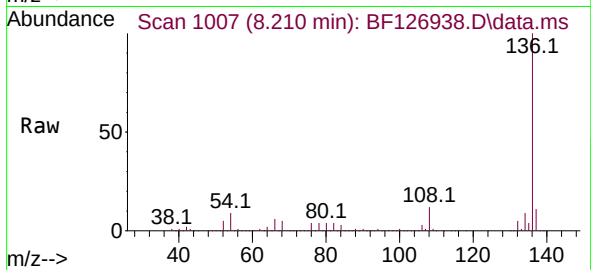
Tgt Ion: 70 Resp: 117732
Ion Ratio Lower Upper
70 100
42 48.8 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



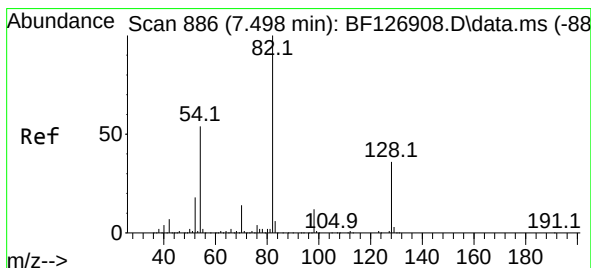
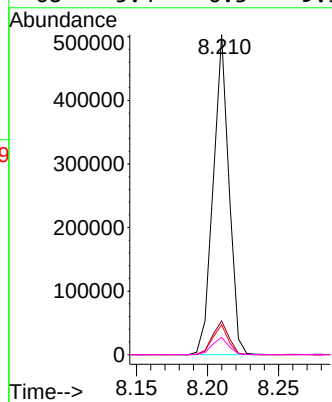
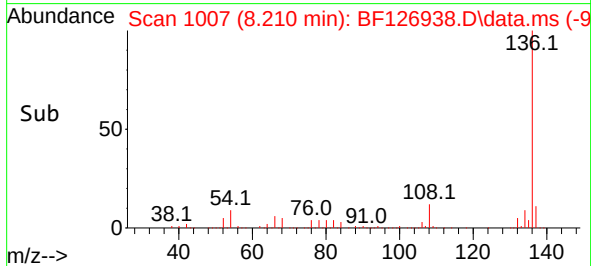


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

Instrument :
BNA_F
ClientSampleId :
MW-26R

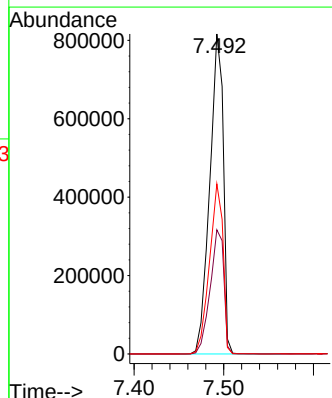
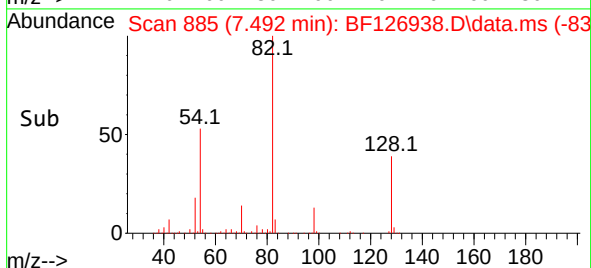
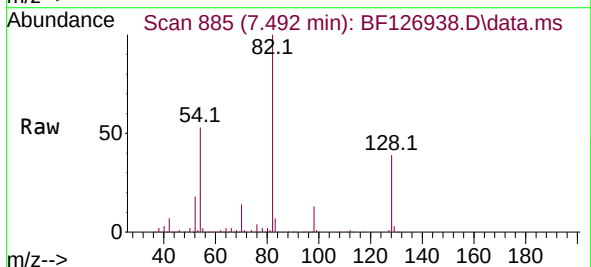


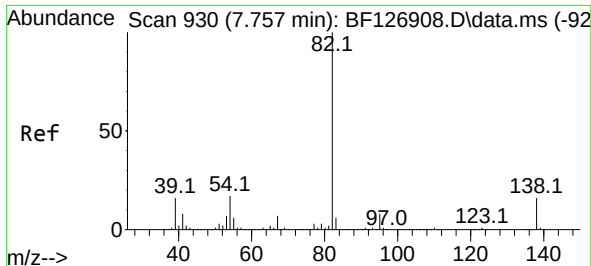
Tgt Ion:136 Resp: 387368
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.4 7.8 11.6
68 5.4 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 99.646 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

Tgt Ion: 82 Resp: 855163
Ion Ratio Lower Upper
82 100
128 38.8 32.7 49.1
54 53.2 41.7 62.5

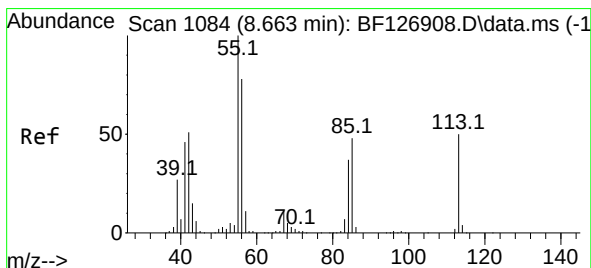
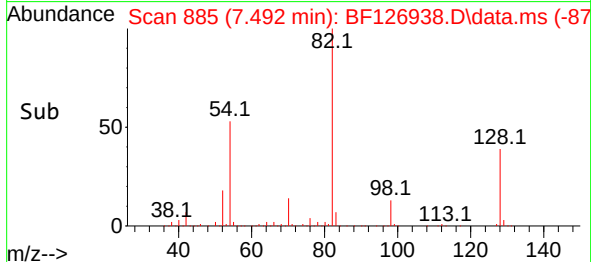
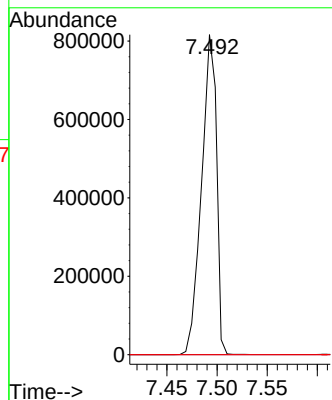
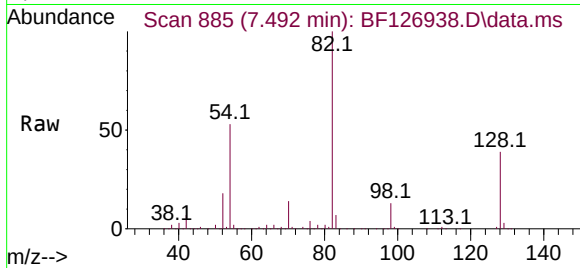




#25
Isophorone
Concen: 60.099 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

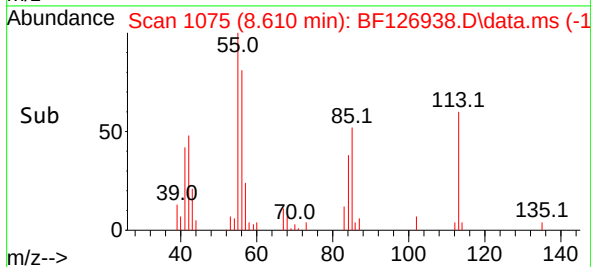
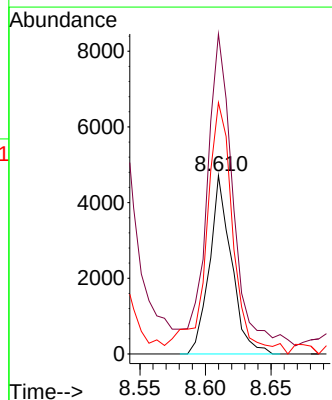
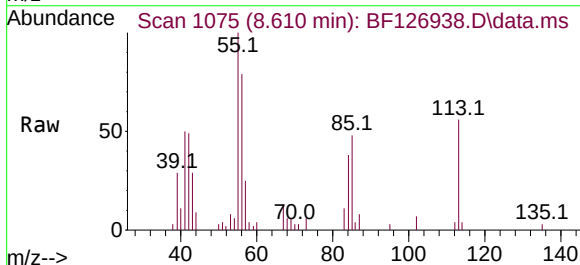
Instrument :
BNA_F
ClientSampleId :
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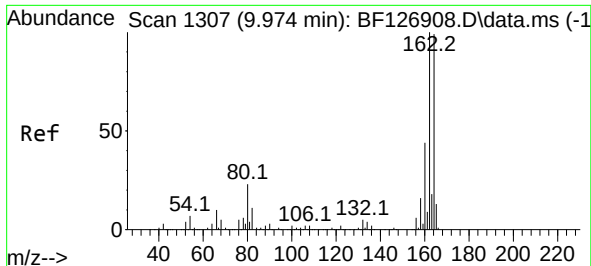
Tgt Ion: 82 Resp: 853466
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#35
Caprolactam
Concen: 2.954 ng
RT: 8.610 min Scan# 1075
Delta R.T. -0.053 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

Tgt Ion: 113 Resp: 5500
Ion Ratio Lower Upper
113 100
55 179.3 183.9 223.9#
56 140.9 129.9 169.9

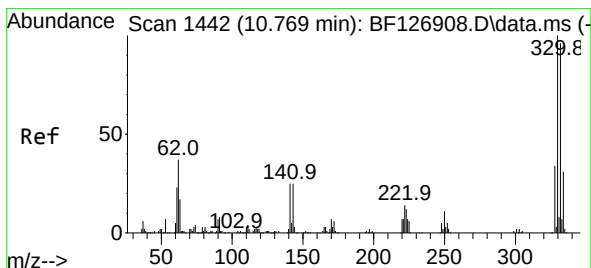
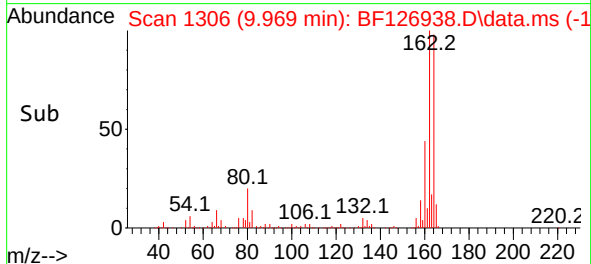
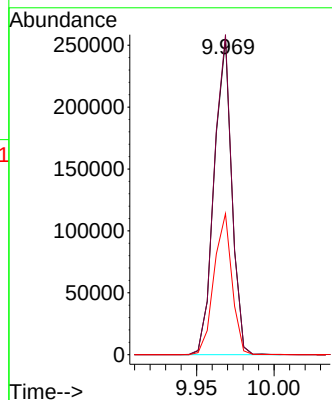
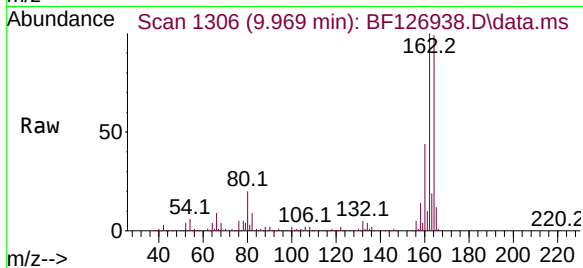




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

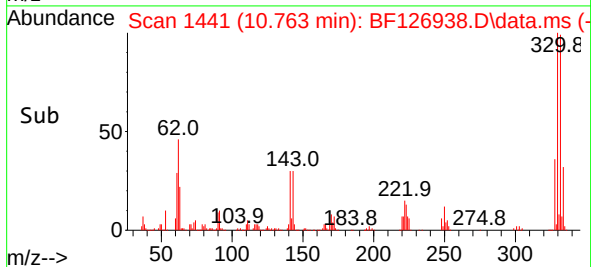
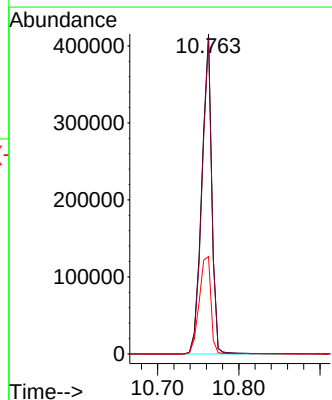
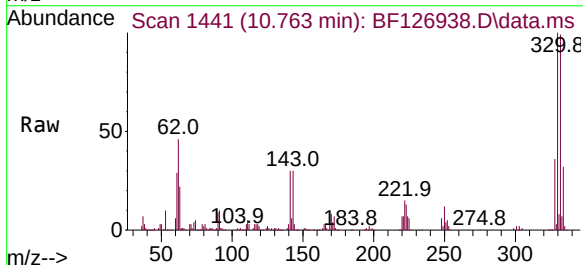
Instrument :
BNA_F
ClientSampleId :
MW-26R

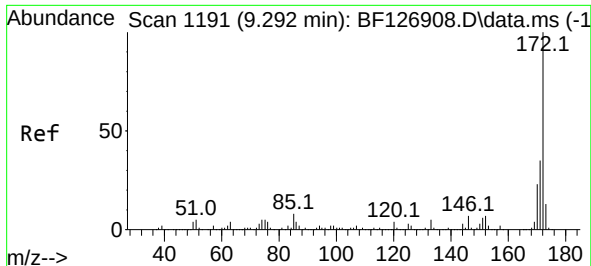
Tgt Ion:164 Resp: 201879
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 44.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 152.246 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

Tgt Ion:330 Resp: 353876
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 35.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 97.234 ng

RT: 9.286 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF126938.D

Acq: 17 Feb 2022 20:44

Instrument :

BNA_F

ClientSampleId :

MW-26R

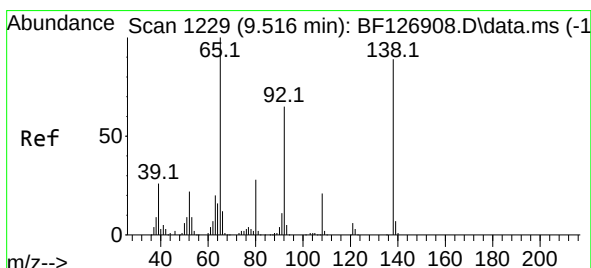
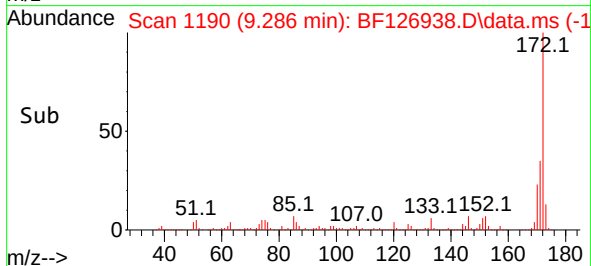
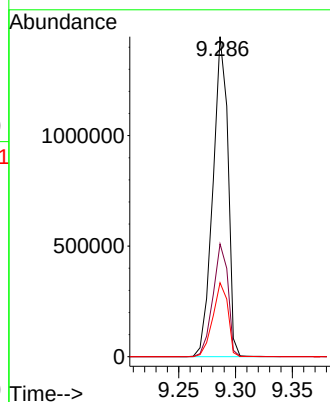
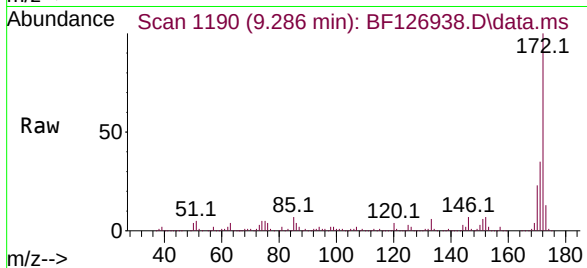
Tgt Ion:172 Resp: 1333390

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.1 19.0 28.6



#48

2-Nitroaniline

Concen: 3.491 ng

RT: 9.380 min Scan# 1206

Delta R.T. -0.135 min

Lab File: BF126938.D

Acq: 17 Feb 2022 20:44

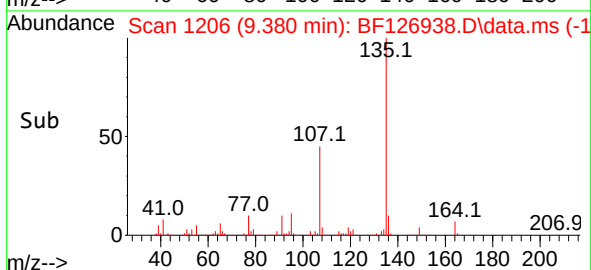
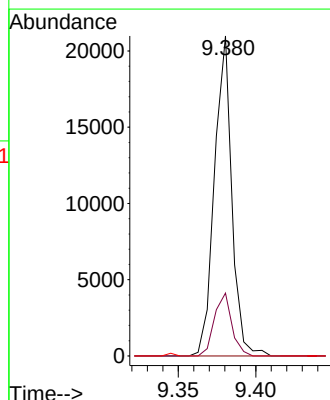
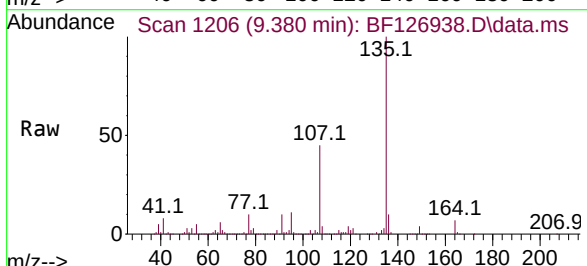
Tgt Ion: 65 Resp: 16341

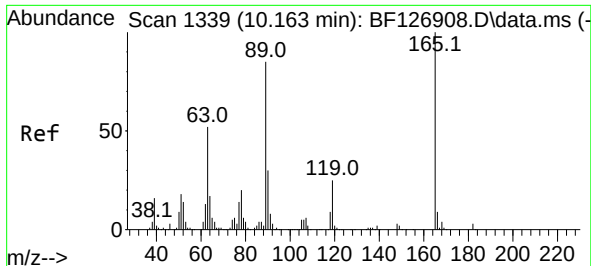
Ion Ratio Lower Upper

65 100

92 19.7 54.4 81.6#

138 0.0 72.5 108.7#

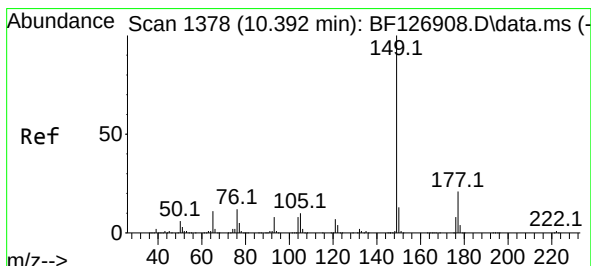
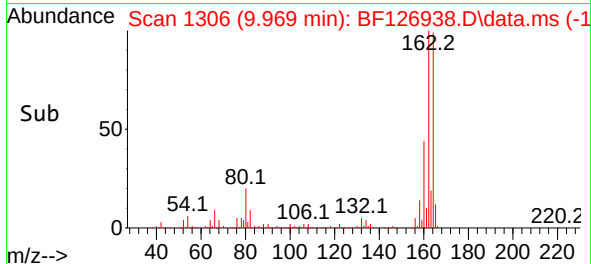
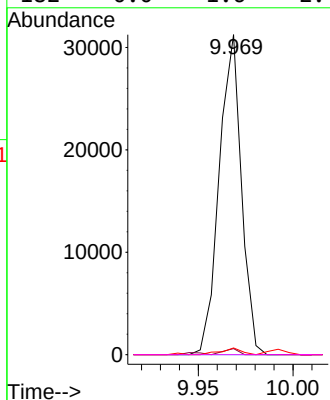
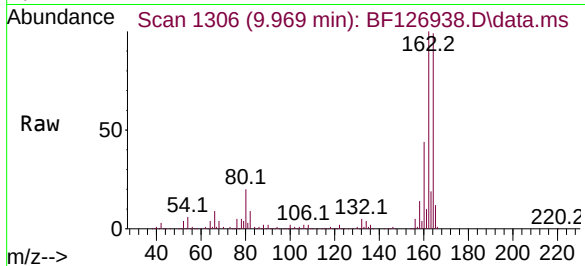




#57
2,4-Dinitrotoluene
Concen: 6.418 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

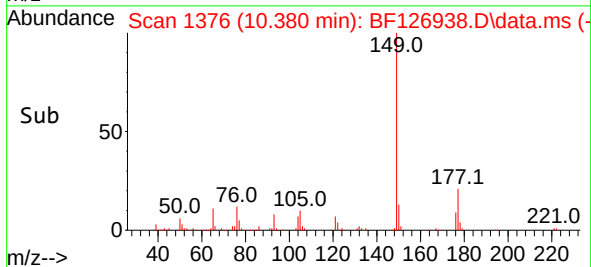
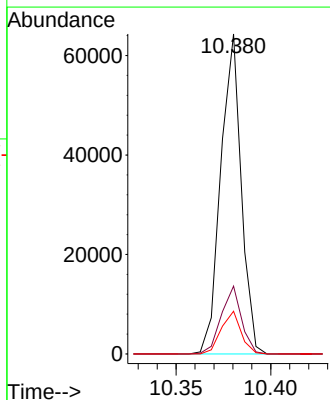
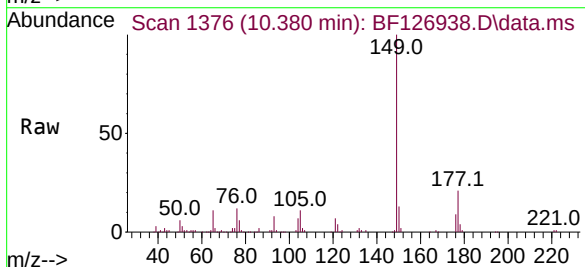
Instrument :
BNA_F
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MW-26R

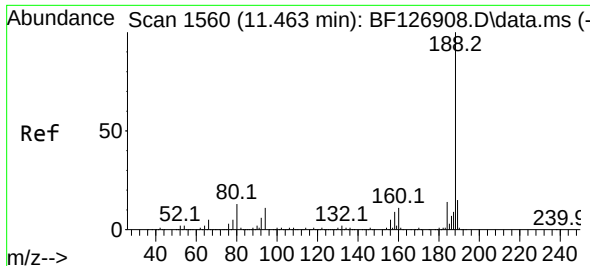
Tgt Ion:165 Resp: 25478
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 2.1 71.0 106.4#
182 0.0 1.6 2.4#



#60
Diethylphthalate
Concen: 3.216 ng
RT: 10.380 min Scan# 1376
Delta R.T. -0.012 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

Tgt Ion:149 Resp: 48489
Ion Ratio Lower Upper
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177 21.2 16.7 25.1
150 13.3 9.8 14.8

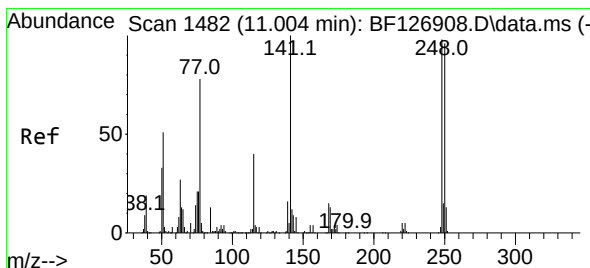
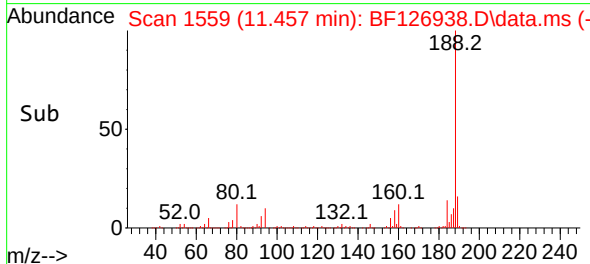
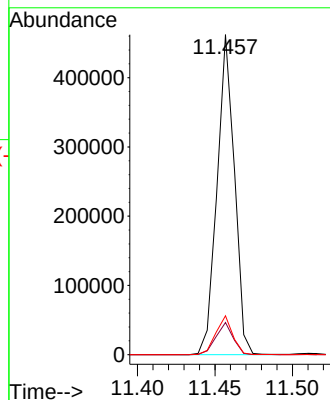
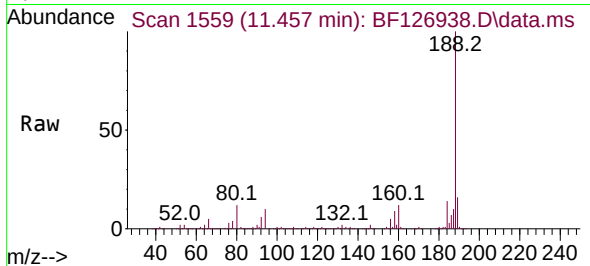




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

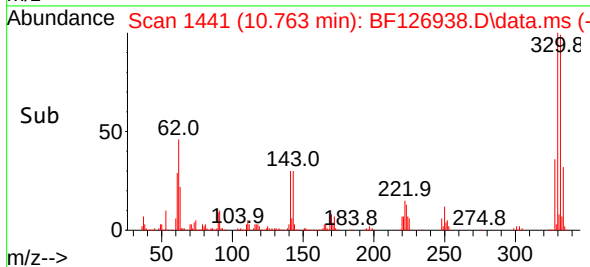
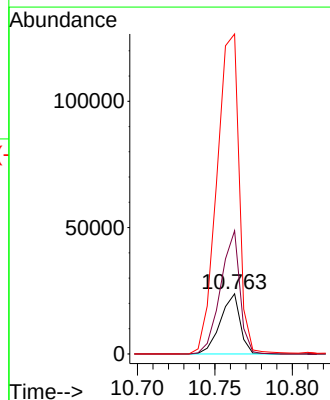
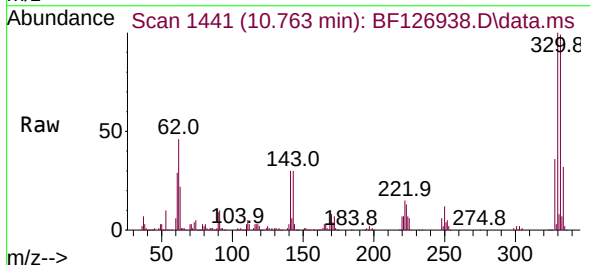
Instrument :
BNA_F
ClientSampleId :
MW-26R

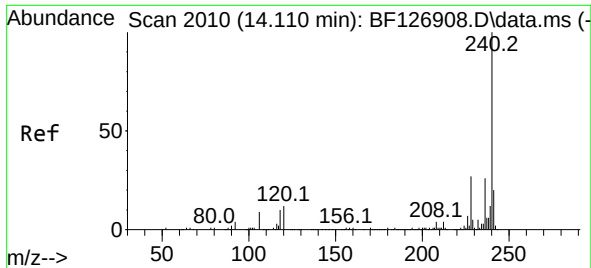
Tgt Ion:188 Resp: 360679
Ion Ratio Lower Upper
188 100
94 10.1 10.1 15.1#
80 12.2 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 5.247 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.241 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

Tgt Ion:248 Resp: 21145
Ion Ratio Lower Upper
248 100
250 204.8 76.2 114.4#
141 531.9 66.2 99.4#

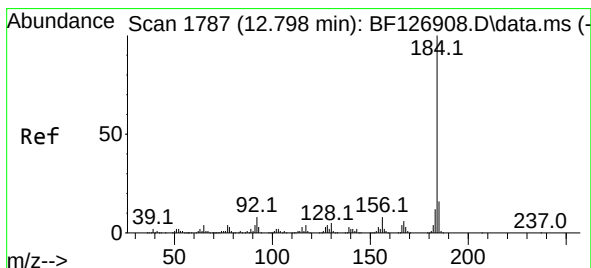
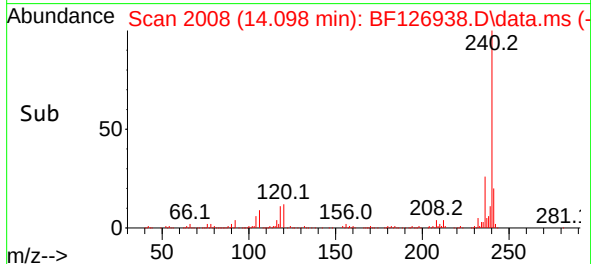
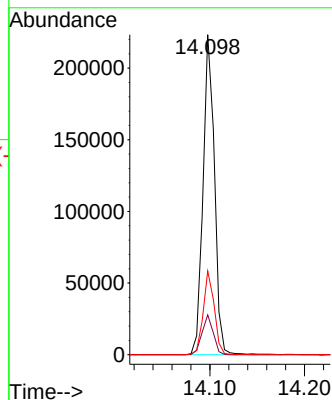
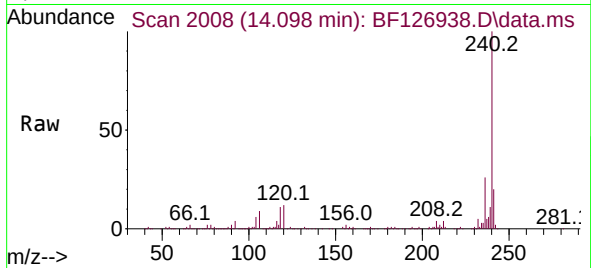




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

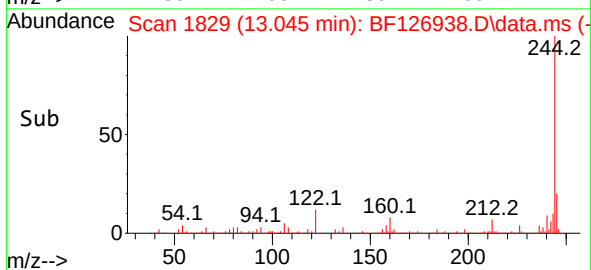
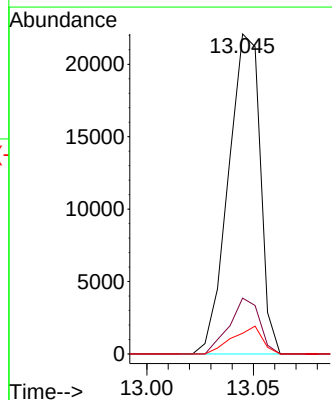
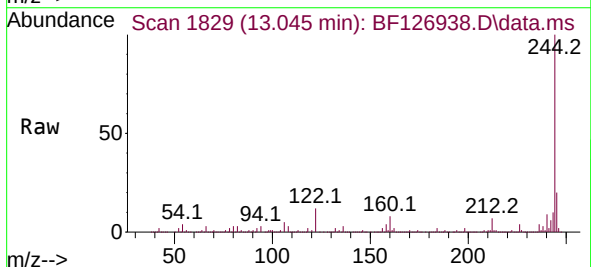
Instrument :
BNA_F
ClientSampleId :
MW-26R

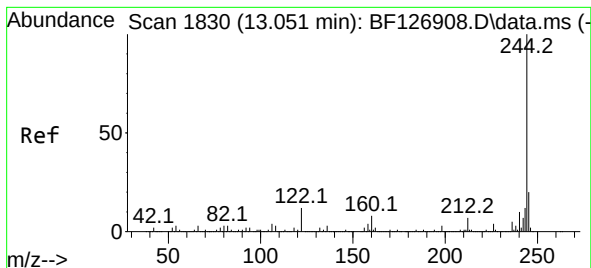
Tgt Ion:240 Resp: 186795
Ion Ratio Lower Upper
240 100
120 12.5 14.4 21.6#
236 26.1 20.5 30.7



#77
Benzidine
Concen: 4.521 ng
RT: 13.045 min Scan# 1829
Delta R.T. 0.247 min
Lab File: BF126938.D
Acq: 17 Feb 2022 20:44

Tgt Ion:184 Resp: 22952
Ion Ratio Lower Upper
184 100
185 17.4 11.8 17.8
183 6.5 8.2 12.2#





#79

Terphenyl-d14

Concen: 116.083 ng

RT: 13.051 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126938.D

Acq: 17 Feb 2022 20:44

Instrument :

BNA_F

ClientSampleId :

MW-26R

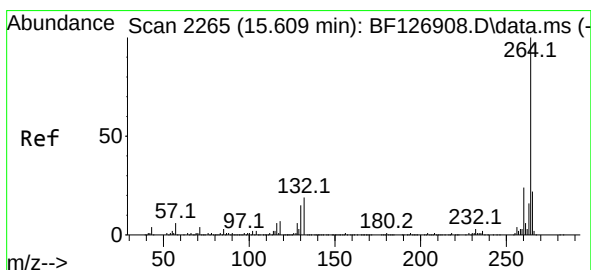
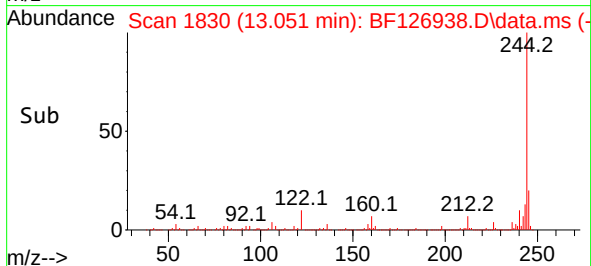
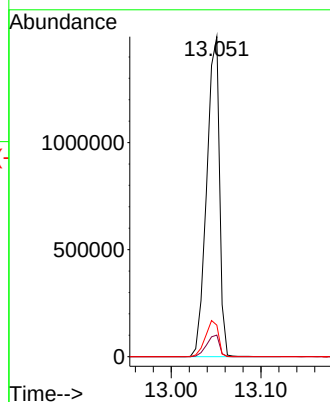
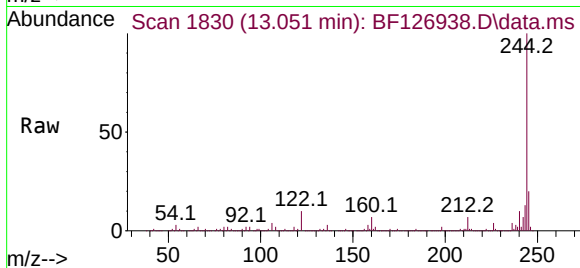
Tgt Ion:244 Resp: 1475050

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 9.8 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF126938.D

Acq: 17 Feb 2022 20:44

Tgt Ion:264 Resp: 183637

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 19.9 17.4 26.2

