

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126822.D
 Acq On : 04 Feb 2022 20:20
 Operator : CG/JU
 Sample : N1359-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11R

Quant Time: Feb 04 23:56:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

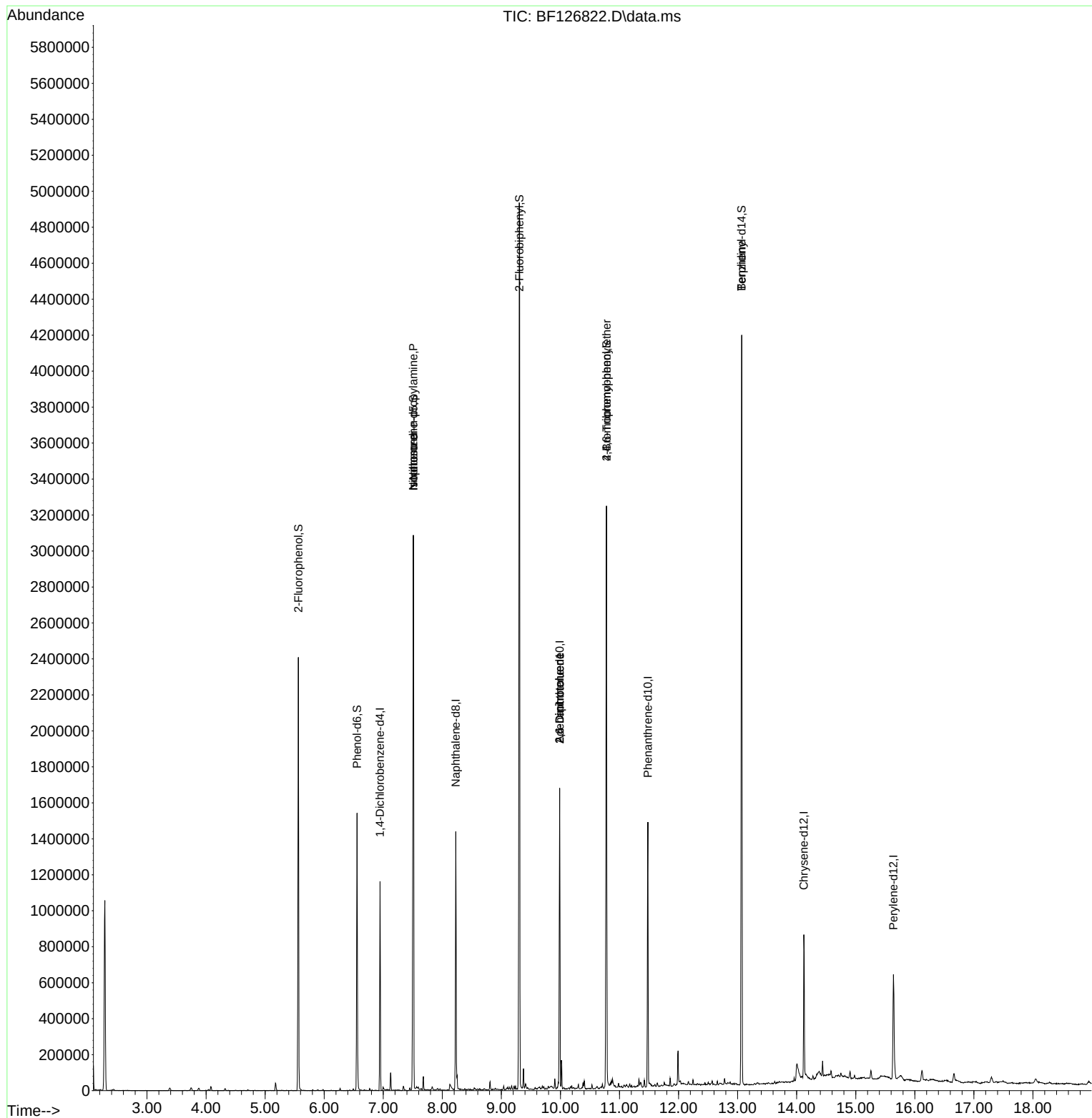
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	143035	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	550672	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	295957	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	483387	20.000	ng	0.00
76) Chrysene-d12	14.121	240	263247	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	251966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	603306	57.771	ng	0.00
7) Phenol-d6	6.557	99	500211	34.627	ng	-0.01
23) Nitrobenzene-d5	7.510	82	1308532	88.931	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	390059	126.991	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1642510	91.896	ng	0.00
79) Terphenyl-d14	13.068	244	1341869	85.271	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	172916	18.179	ng	# 68
25) Isophorone	7.510	82	1303252	51.609	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	38510	9.164	ng	# 22
57) 2,4-Dinitrotoluene	9.986	165	38510	6.761	ng	# 16
67) 4-Bromophenyl-phenylether	10.780	248	24102	4.356	ng	# 1
77) Benzidine	13.068	184	17389	2.879	ng	# 92

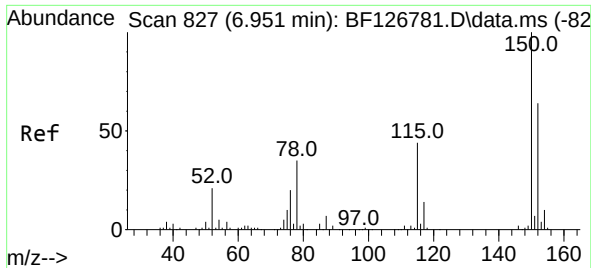
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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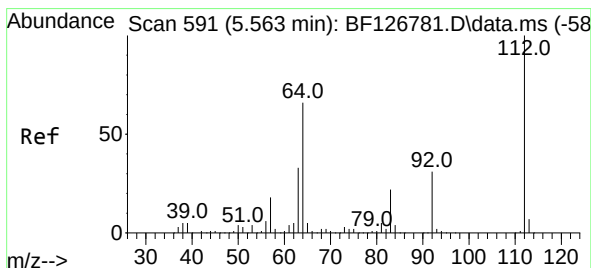
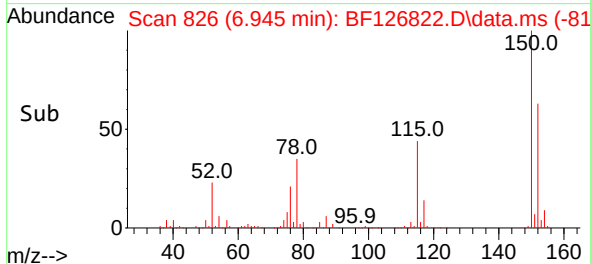
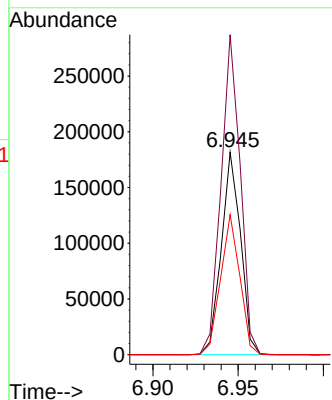
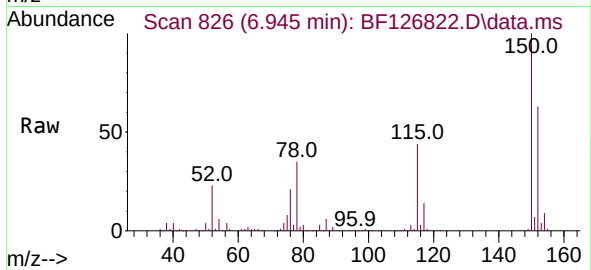




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

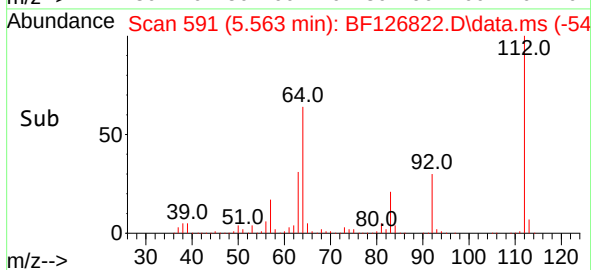
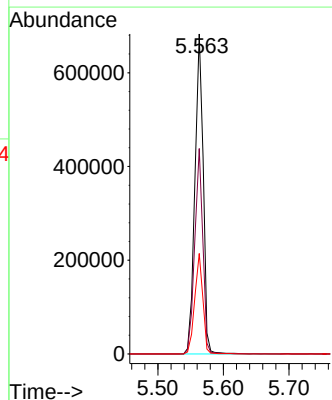
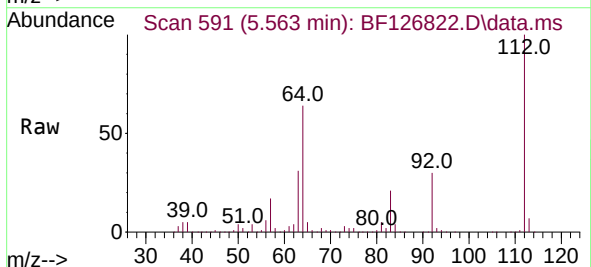
Instrument :
BNA_F
ClientSampleId :
MW-11R

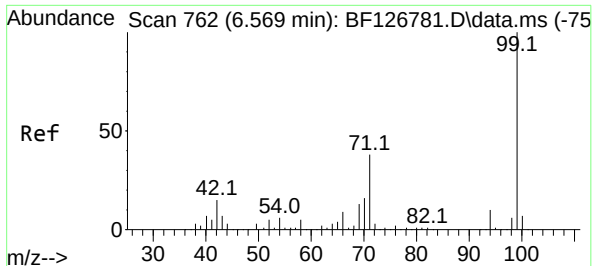
Tgt Ion:152 Resp: 143035
Ion Ratio Lower Upper
152 100
150 158.1 128.1 192.1
115 69.2 56.7 85.1



#5
2-Fluorophenol
Concen: 57.771 ng
RT: 5.563 min Scan# 591
Delta R.T. -0.000 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

Tgt Ion:112 Resp: 603306
Ion Ratio Lower Upper
112 100
64 64.2 49.5 74.3
63 31.4 23.9 35.9

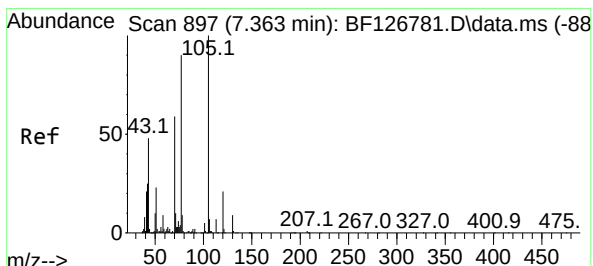
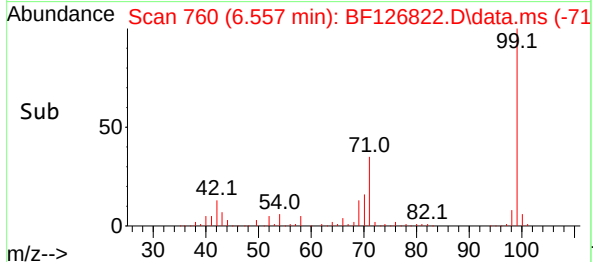
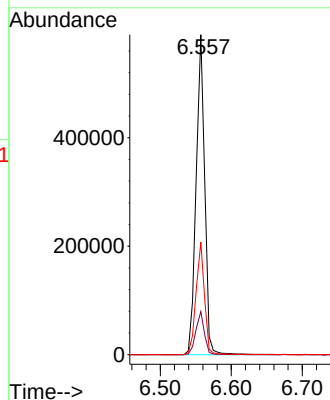
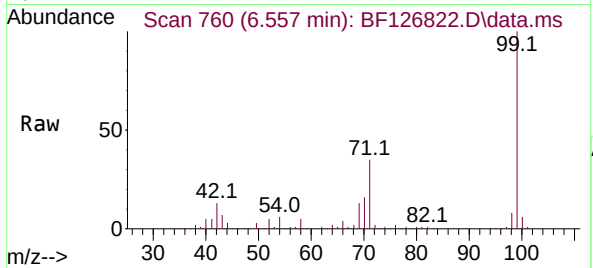




#7
Phenol-d6
Concen: 34.627 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

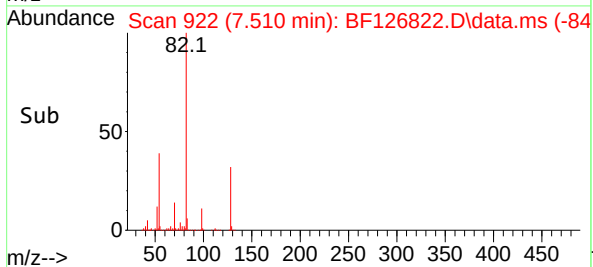
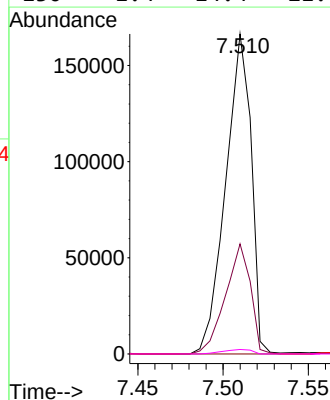
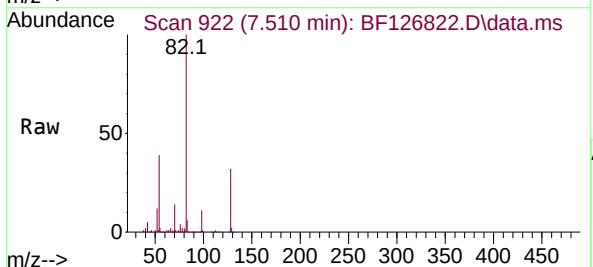
Instrument :
BNA_F
ClientSampleId :
MW-11R

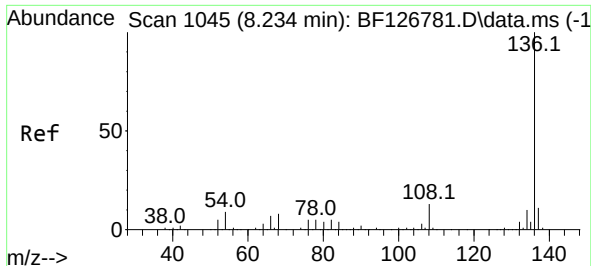
Tgt Ion: 99 Resp: 500211
Ion Ratio Lower Upper
99 100
42 13.4 14.2 21.4#
71 35.2 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.179 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

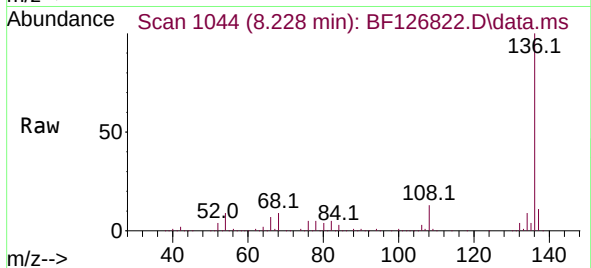
Tgt Ion: 70 Resp: 172916
Ion Ratio Lower Upper
70 100
42 34.4 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#





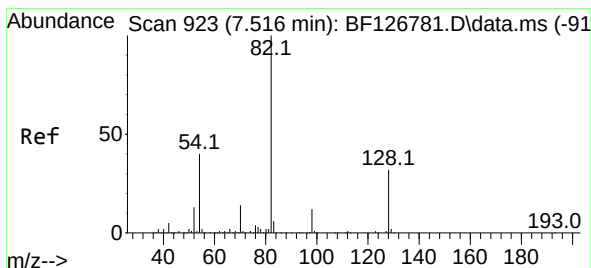
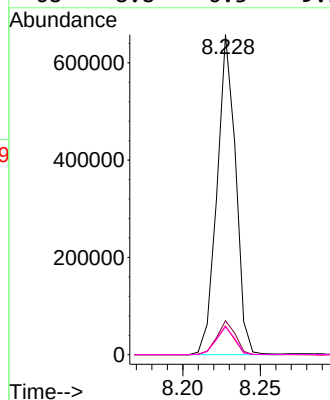
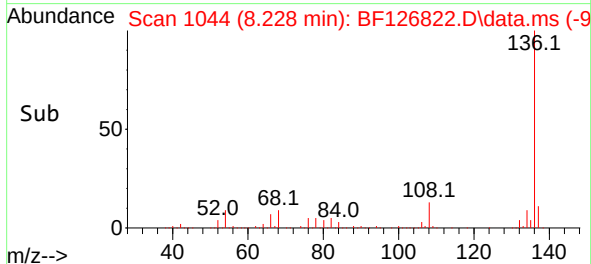
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

Instrument :
BNA_F
ClientSampleId :
MW-11R



Tgt Ion:136 Resp: 550672

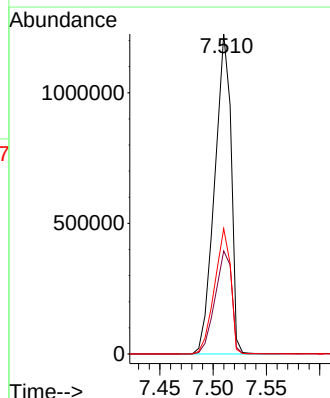
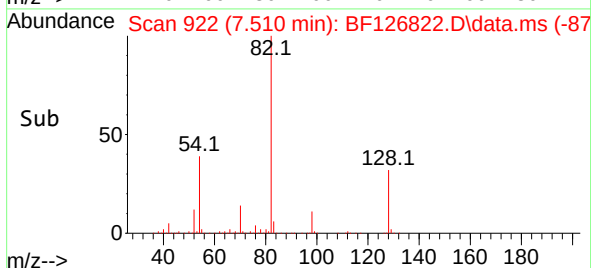
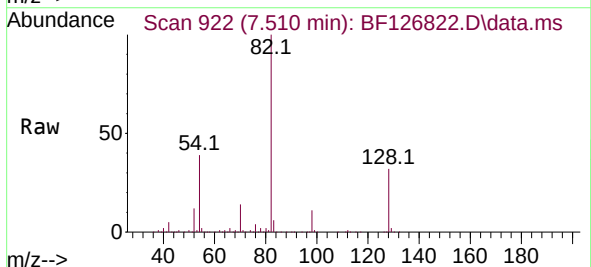
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.0	7.8	11.6
68	8.8	6.3	9.5

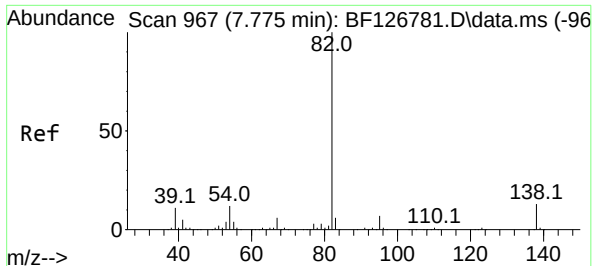


#23
Nitrobenzene-d5
Concen: 88.931 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

Tgt Ion: 82 Resp: 1308532

Ion	Ratio	Lower	Upper
82	100		
128	32.2	32.7	49.1#
54	39.2	41.7	62.5#

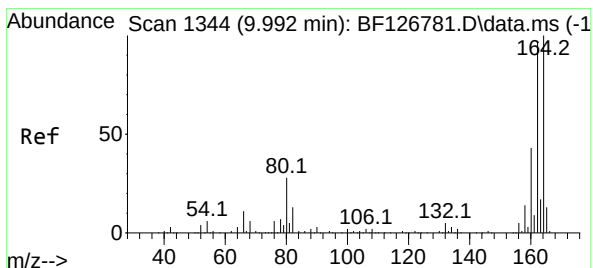
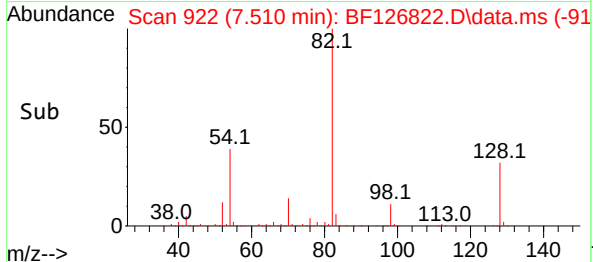
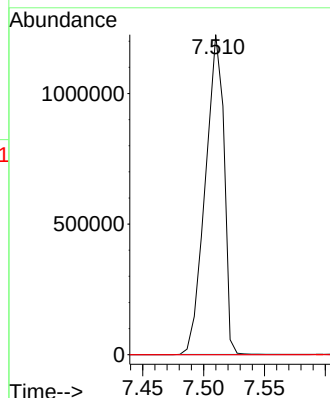
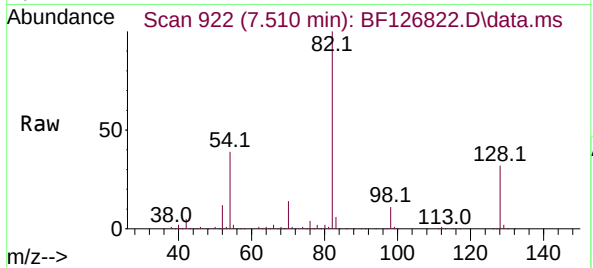




#25
Isophorone
Concen: 51.609 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

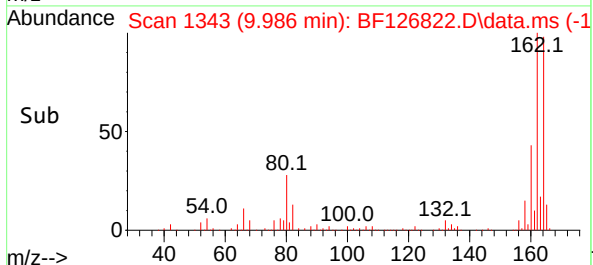
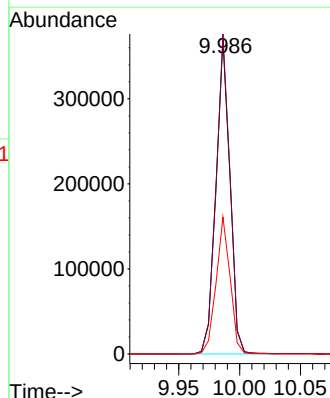
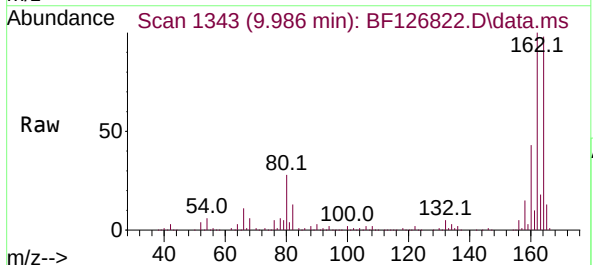
Instrument :
BNA_F
ClientSampleId :
MW-11R

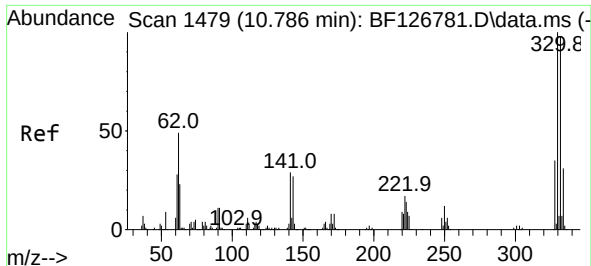
Tgt Ion: 82 Resp: 1303252
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

Tgt Ion: 164 Resp: 295957
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 43.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 126.991 ng

RT: 10.780 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126822.D

Acq: 04 Feb 2022 20:20

Instrument :

BNA_F

ClientSampleId :

MW-11R

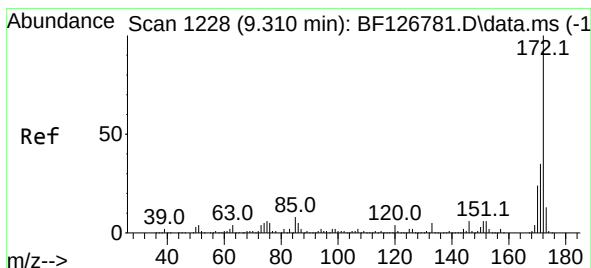
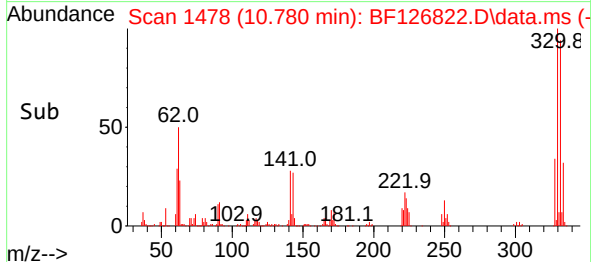
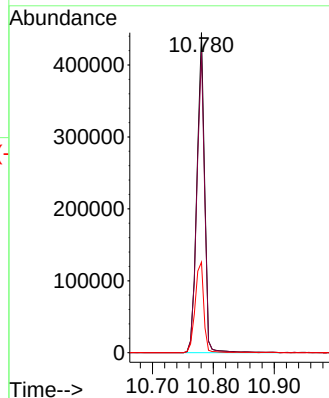
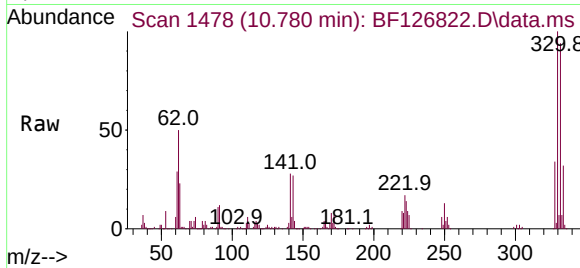
Tgt Ion:330 Resp: 390059

Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

141 31.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 91.896 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF126822.D

Acq: 04 Feb 2022 20:20

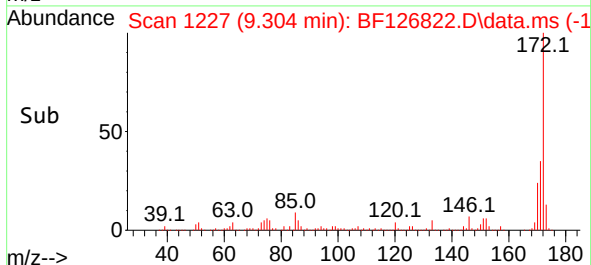
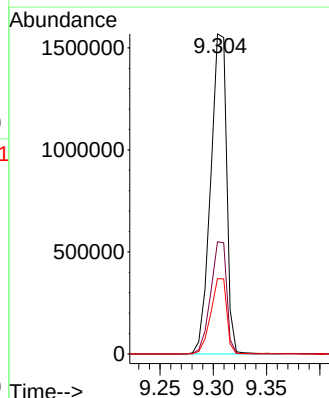
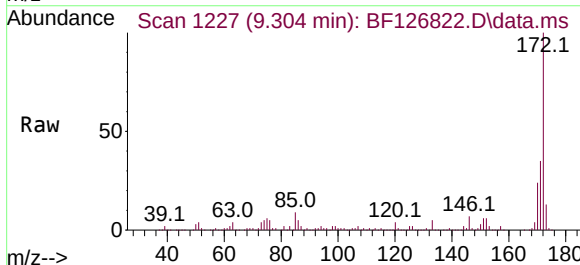
Tgt Ion:172 Resp: 1642510

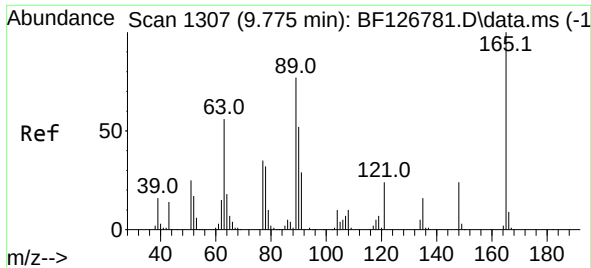
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.5 19.0 28.6

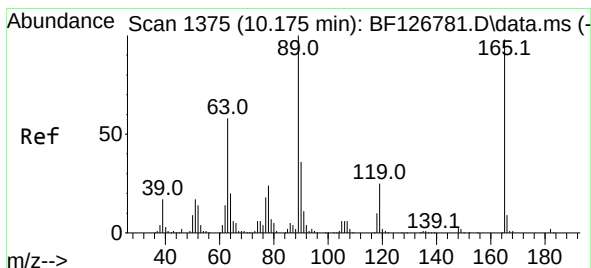
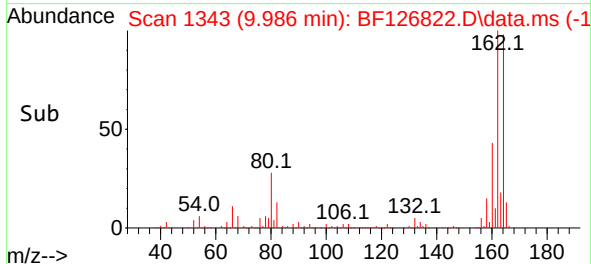
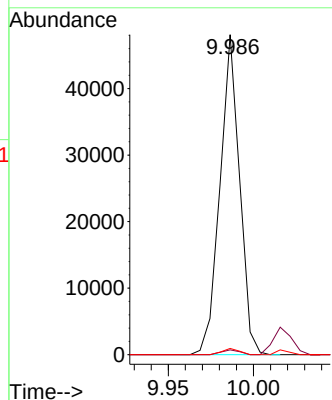
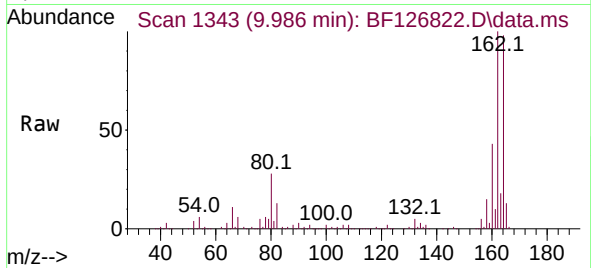




#51
2,6-Dinitrotoluene
Concen: 9.164 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

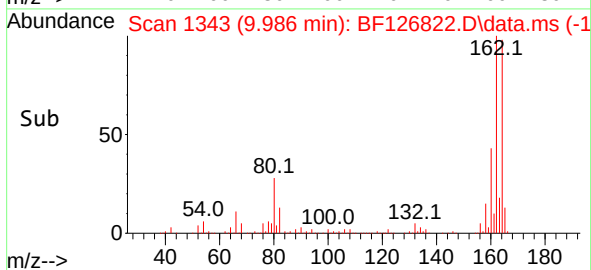
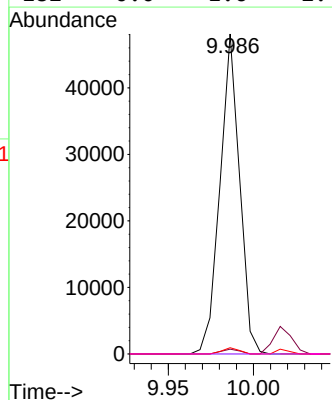
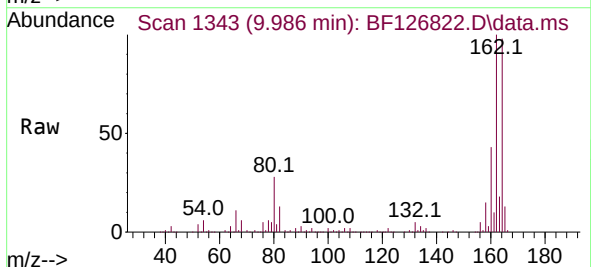
Instrument :
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MW-11R

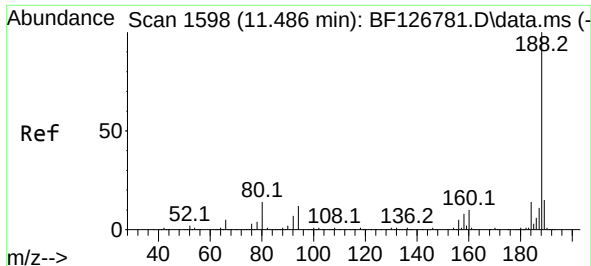
Tgt Ion:165 Resp: 38510
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.761 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.188 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

Tgt Ion:165 Resp: 38510
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#

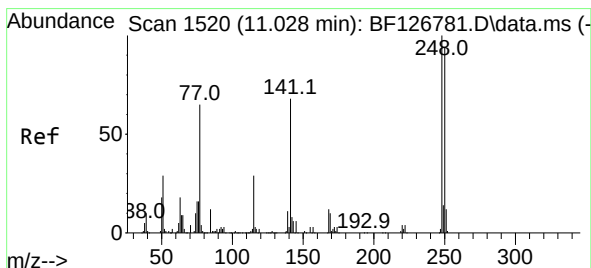
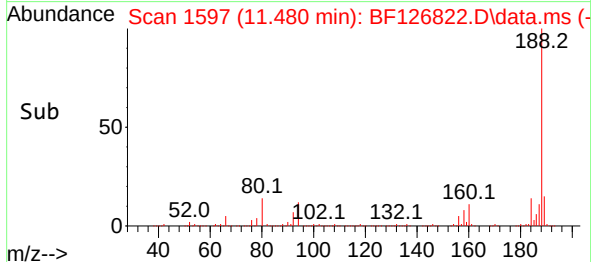
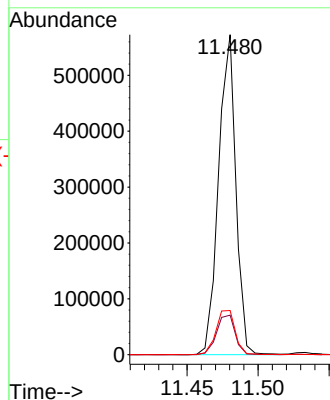
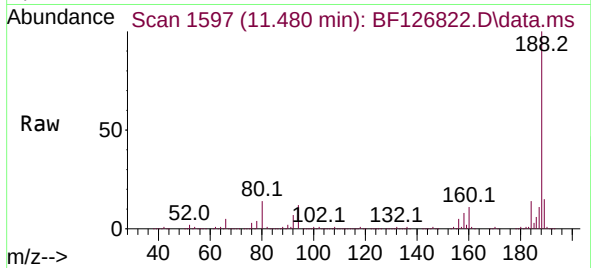




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

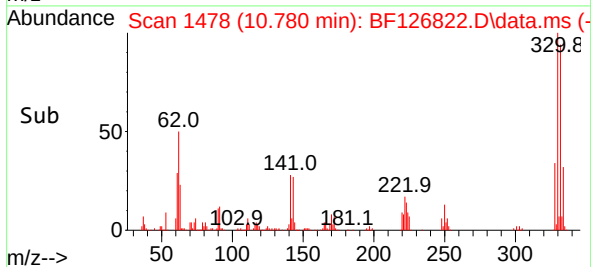
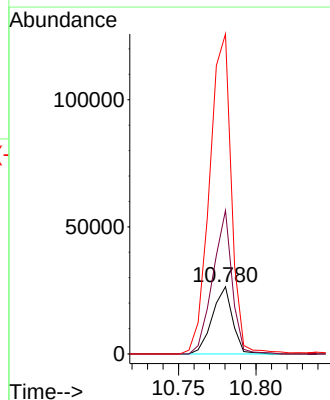
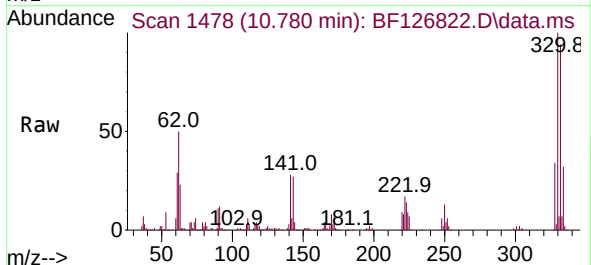
Instrument :
BNA_F
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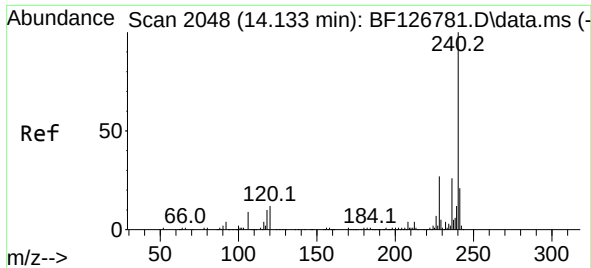
Tgt Ion:188 Resp: 483387
Ion Ratio Lower Upper
188 100
94 12.4 10.1 15.1
80 13.8 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.356 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.247 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

Tgt Ion:248 Resp: 24102
Ion Ratio Lower Upper
248 100
250 213.7 76.2 114.4#
141 476.2 66.2 99.4#

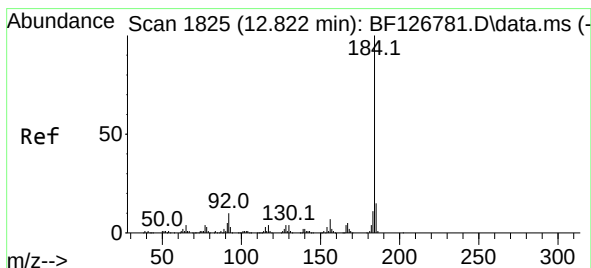
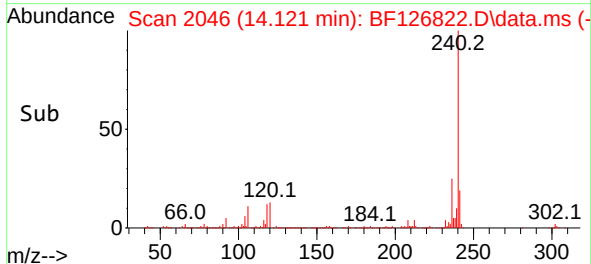
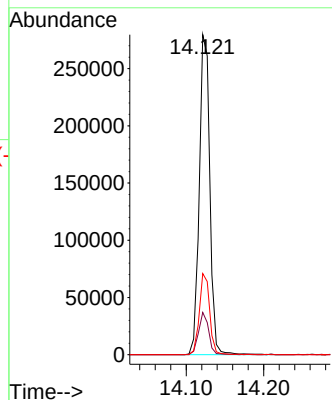
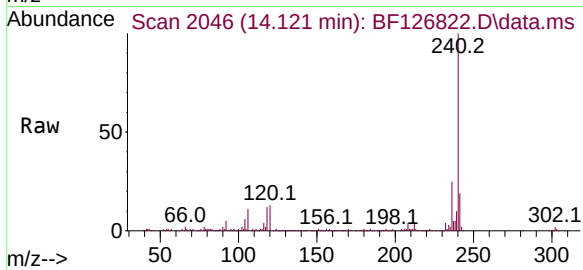




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

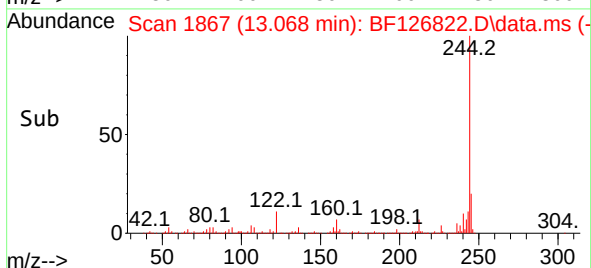
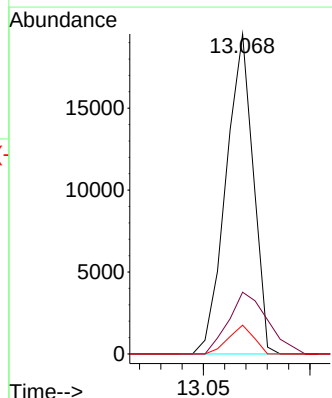
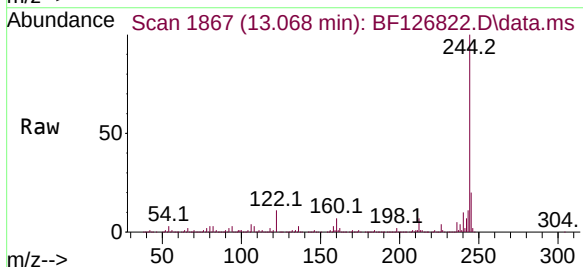
Instrument :
BNA_F
ClientSampleId :
MW-11R

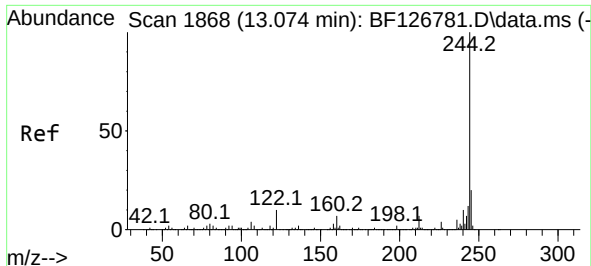
Tgt Ion:240 Resp: 263247
Ion Ratio Lower Upper
240 100
120 13.2 14.4 21.6#
236 25.3 20.5 30.7



#77
Benzidine
Concen: 2.879 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF126822.D
Acq: 04 Feb 2022 20:20

Tgt Ion:184 Resp: 17389
Ion Ratio Lower Upper
184 100
185 19.3 11.8 17.8#
183 9.0 8.2 12.2

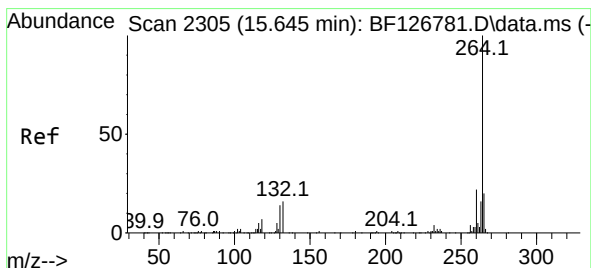
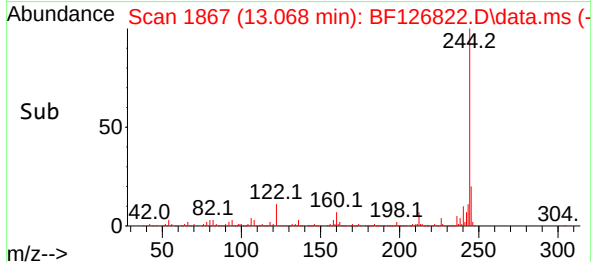
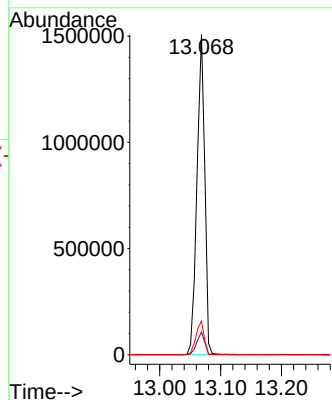
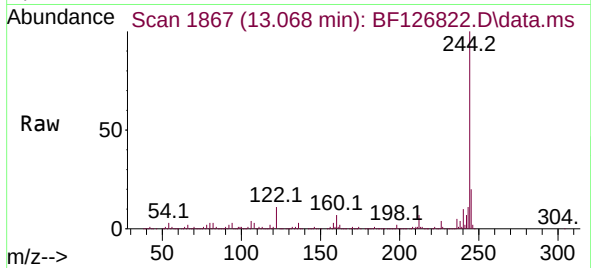




#79
 Terphenyl-d14
 Concen: 85.271 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126822.D
 Acq: 04 Feb 2022 20:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-11R

Tgt Ion:244 Resp: 1341869
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 10.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF126822.D
 Acq: 04 Feb 2022 20:20

Tgt Ion:264 Resp: 251966
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.7 17.4 26.2

