

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129982.D
 Acq On : 24 Aug 2022 20:57
 Operator : CG\JU
 Sample : N4262-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102D

Quant Time: Aug 25 04:15:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 04:08:38 2022
 Response via : Initial Calibration

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

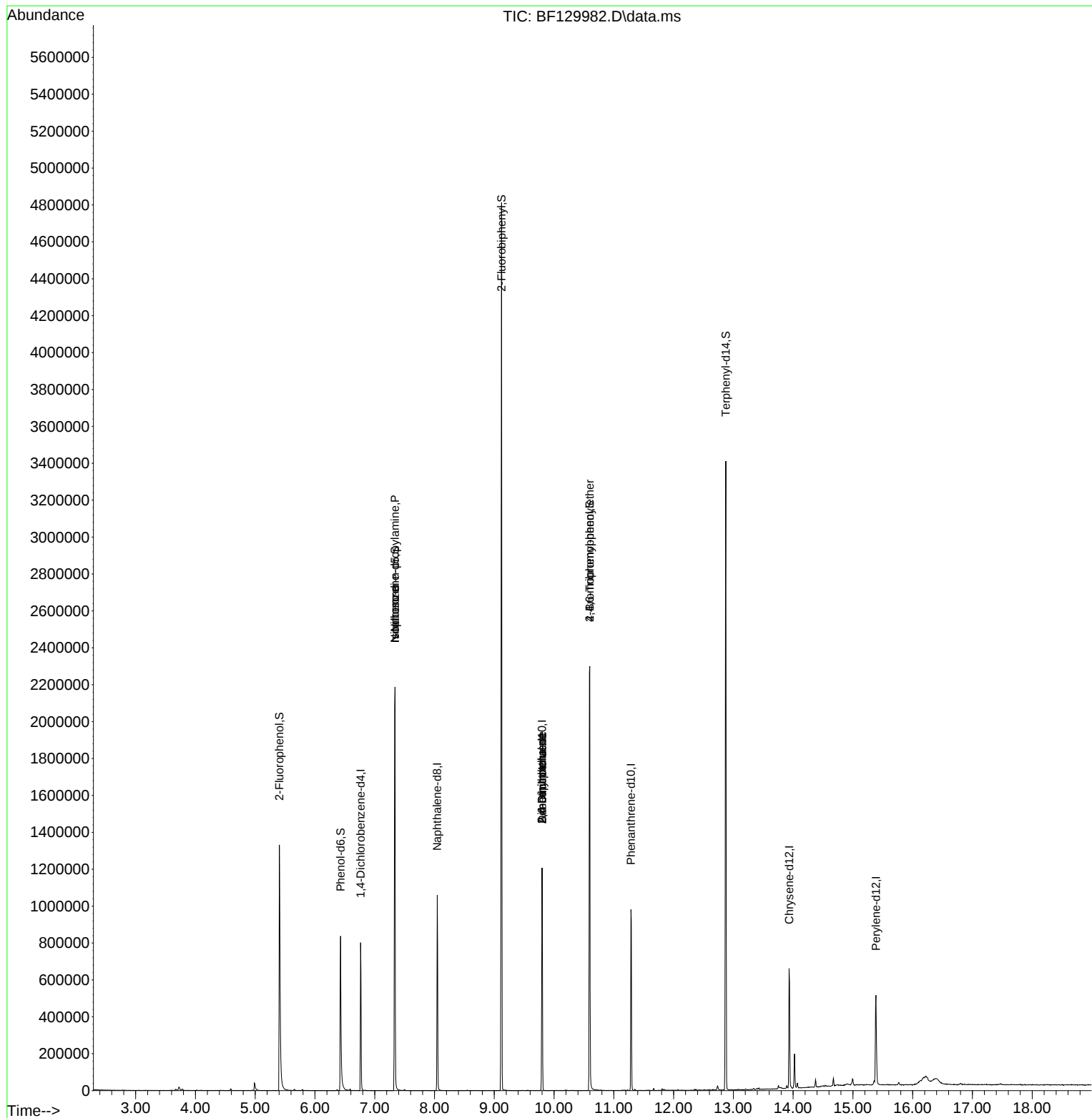
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	109820	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	446516	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	226382	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	352930	20.000	ng	0.00
76) Chrysene-d12	13.933	240	217958	20.000	ng	0.00
86) Perylene-d12	15.386	264	216226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	417872	63.000	ng	0.00
7) Phenol-d6	6.428	99	315023	37.926	ng	0.00
23) Nitrobenzene-d5	7.340	82	738180	88.499	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	272965	120.139	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1301466	87.316	ng	0.00
79) Terphenyl-d14	12.875	244	1042419	79.580	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.428	77	555	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.340	70	100986	19.235	ng	# 76
25) Isophorone	7.340	82	738171	51.418	ng	# 65
50) Dimethylphthalate	9.798	163	39081	2.408	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	29337	8.334	ng	# 23
57) 2,4-Dinitrotoluene	9.798	165	29337	6.420	ng	# 18
67) 4-Bromophenyl-phenylether	10.598	248	17394	4.208	ng	# 1
77) Benzidine	12.875	184	15307	Below Cal	#	91

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

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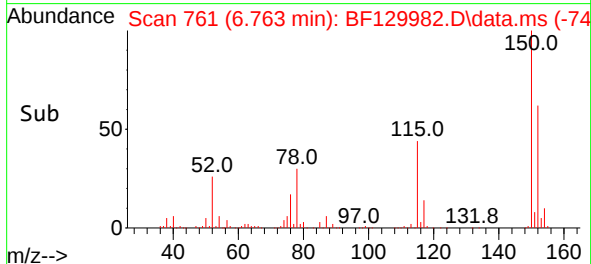
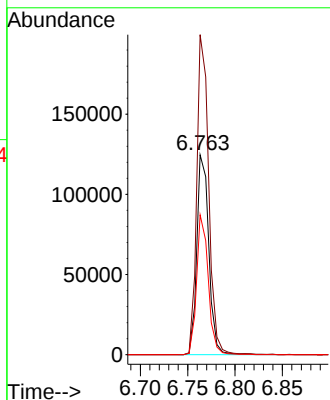
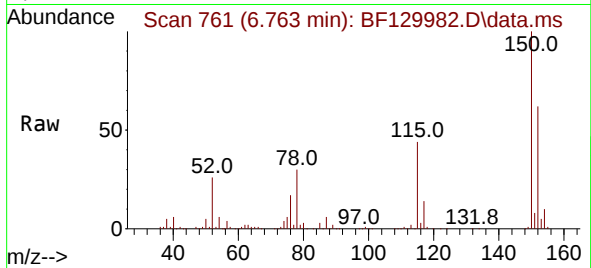




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

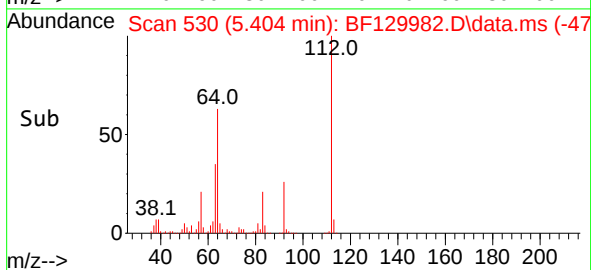
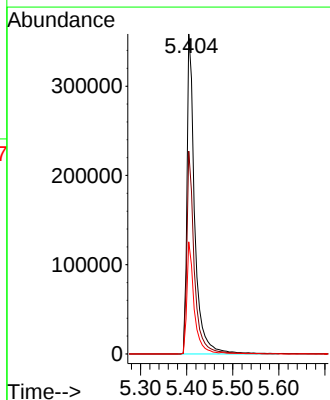
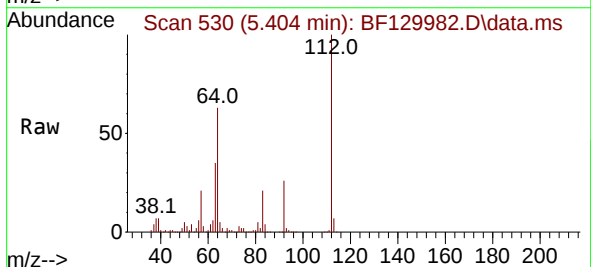
Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion:152 Resp: 109820
Ion Ratio Lower Upper
152 100
150 160.1 126.9 190.3
115 70.0 53.4 80.0



#5
2-Fluorophenol
Concen: 63.000 ng
RT: 5.404 min Scan# 530
Delta R.T. 0.000 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

Tgt Ion:112 Resp: 417872
Ion Ratio Lower Upper
112 100
64 63.4 47.6 71.4
63 35.1 24.6 37.0

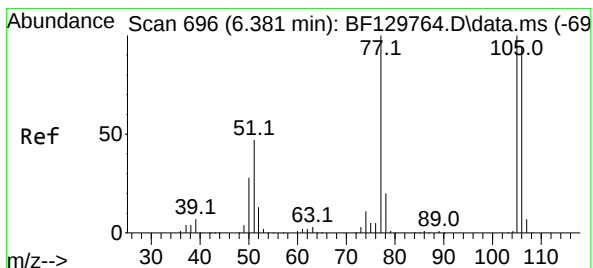
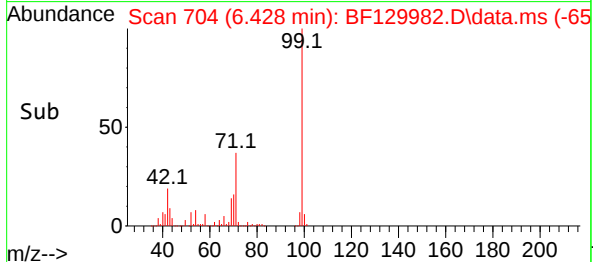
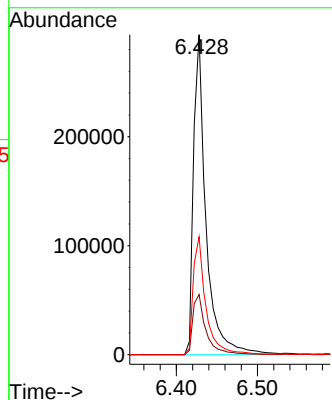
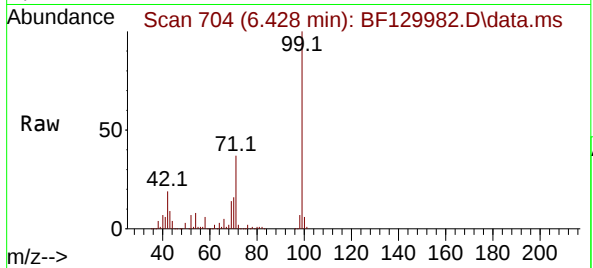




#7
Phenol-d6
Concen: 37.926 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

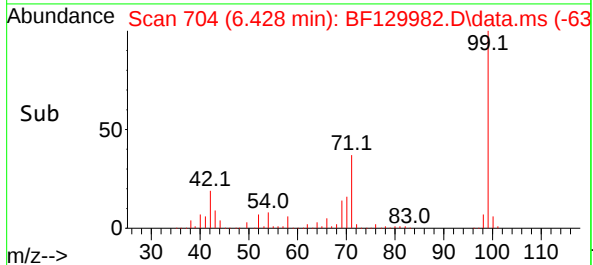
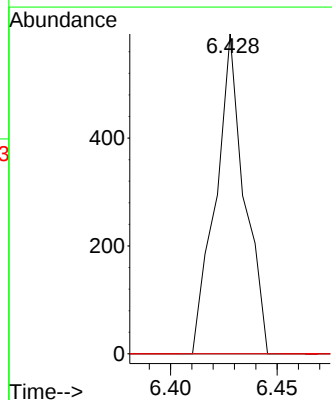
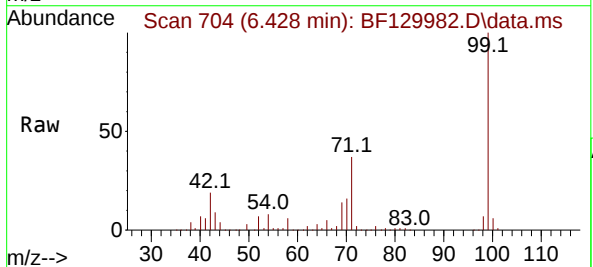
Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion: 99 Resp: 315023
Ion Ratio Lower Upper
99 100
42 18.8 15.0 22.4
71 36.8 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.100 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

Tgt Ion: 77 Resp: 555
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

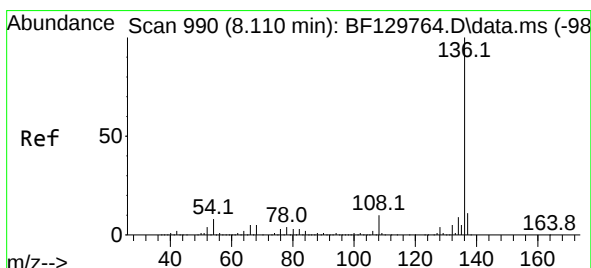
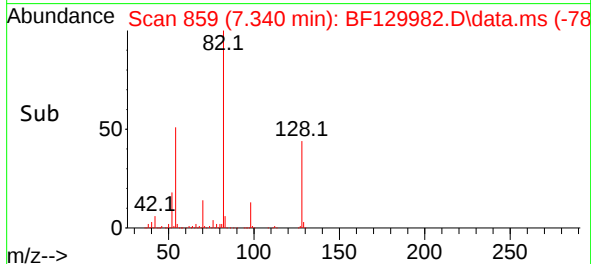
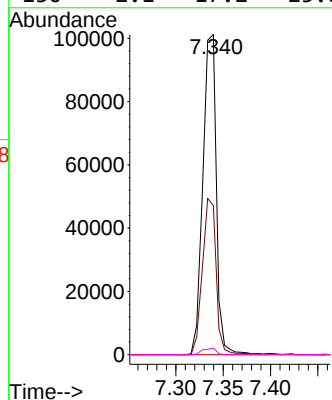
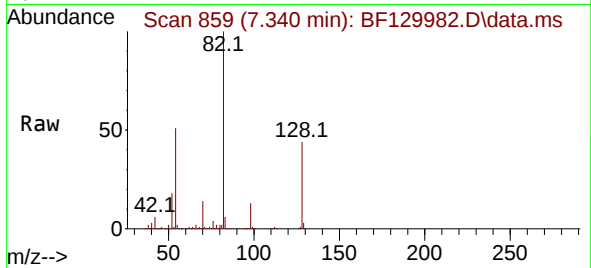




#19
n-Nitroso-di-n-propylamine
Concen: 19.235 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

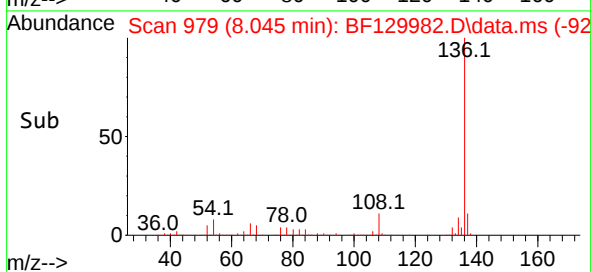
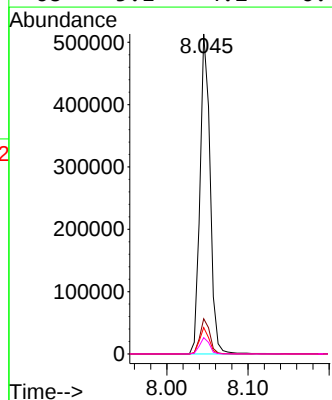
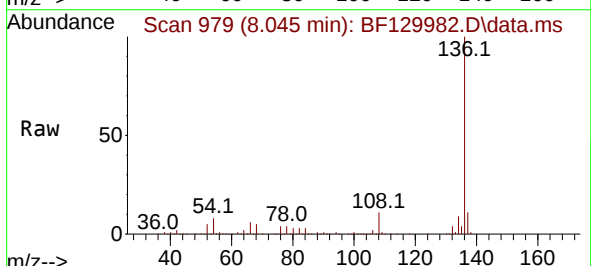
Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion: 70 Resp: 100986
Ion Ratio Lower Upper
70 100
42 46.7 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

Tgt Ion:136 Resp: 446516
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 6.2 9.2
68 5.1 4.2 6.4





#23

Nitrobenzene-d5

Concen: 88.499 ng

RT: 7.340 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF129982.D

Acq: 24 Aug 2022 20:57

Instrument :

BNA_F

ClientSampleId :

MW-102D

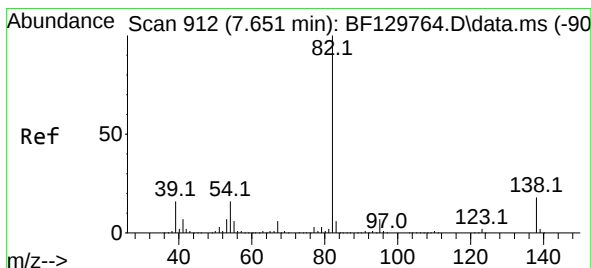
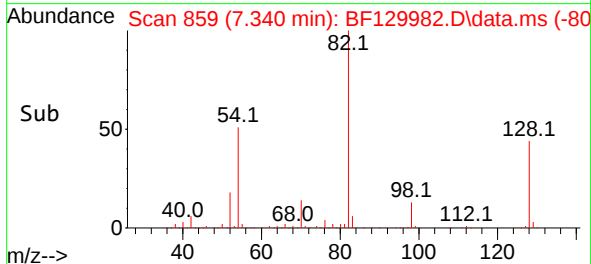
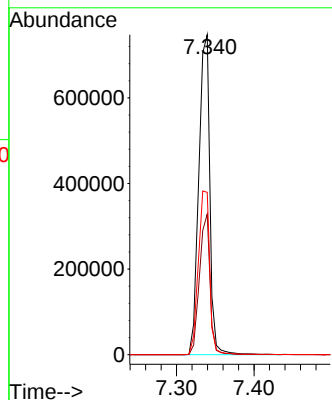
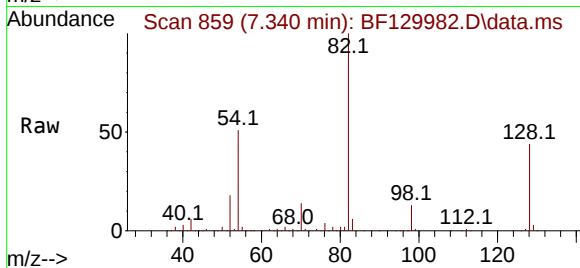
Tgt Ion: 82 Resp: 738180

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

54 50.7 40.0 60.0



#25

Isophorone

Concen: 51.418 ng

RT: 7.340 min Scan# 859

Delta R.T. -0.259 min

Lab File: BF129982.D

Acq: 24 Aug 2022 20:57

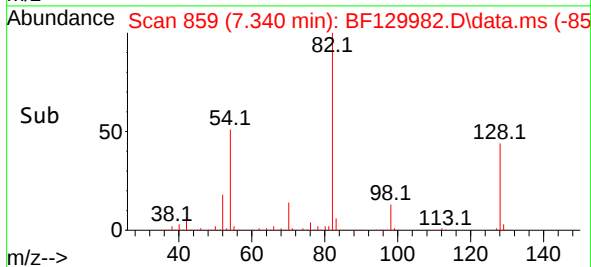
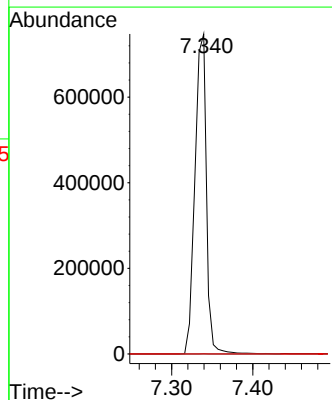
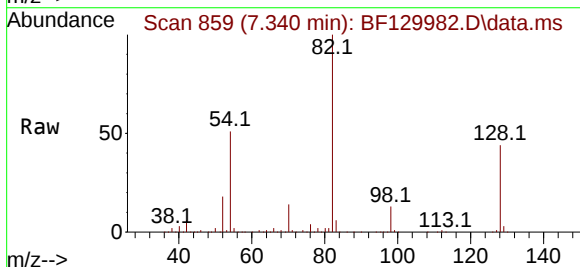
Tgt Ion: 82 Resp: 738171

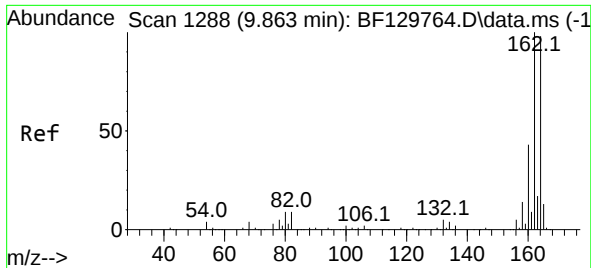
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

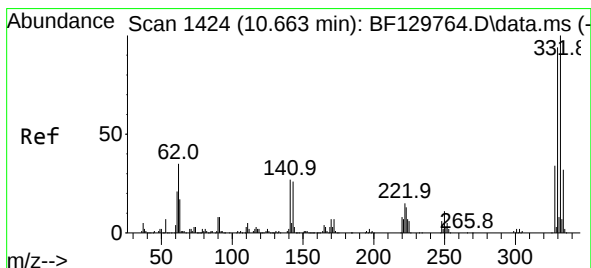
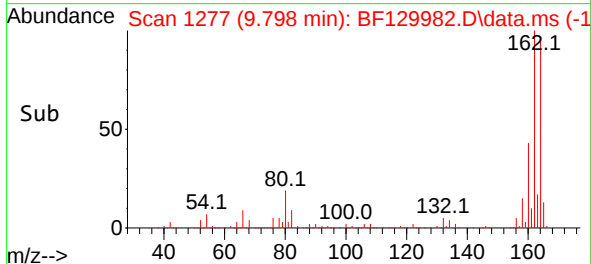
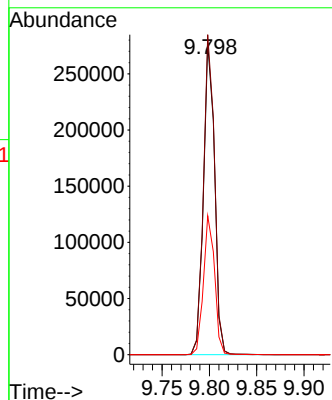
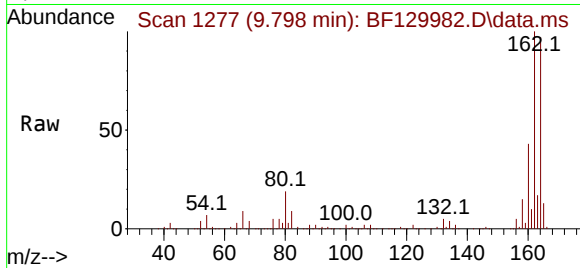




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

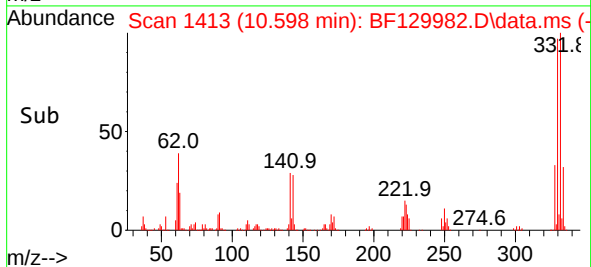
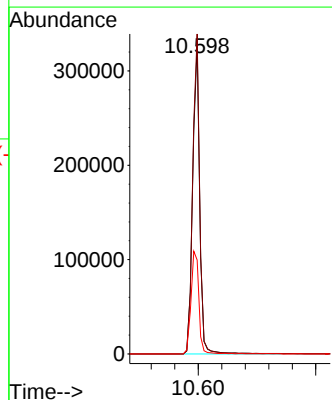
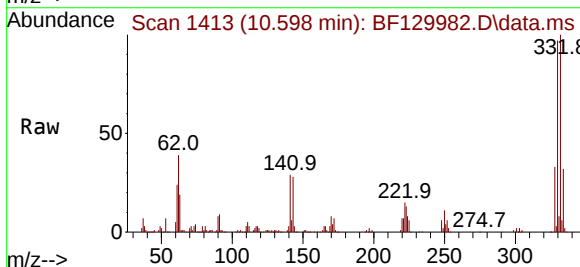
Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion:164 Resp: 226382
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 120.139 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

Tgt Ion:330 Resp: 272965
Ion Ratio Lower Upper
330 100
332 102.7 82.6 124.0
141 37.1 27.6 41.4

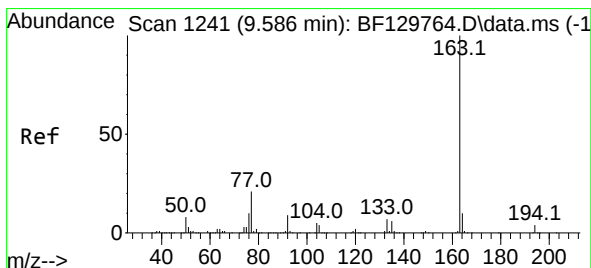
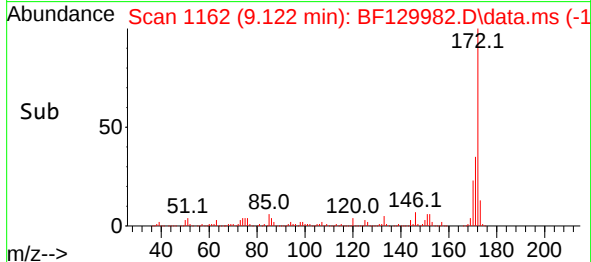
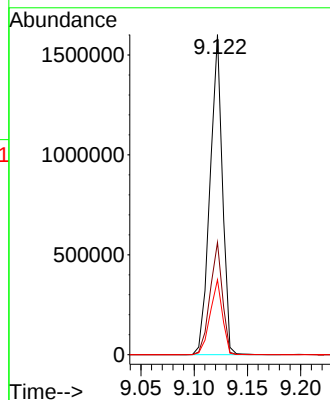
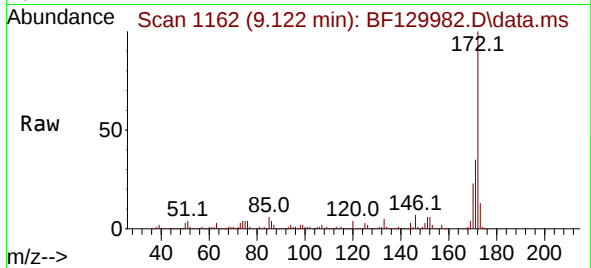




#45
2-Fluorobiphenyl
Concen: 87.316 ng
RT: 9.122 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

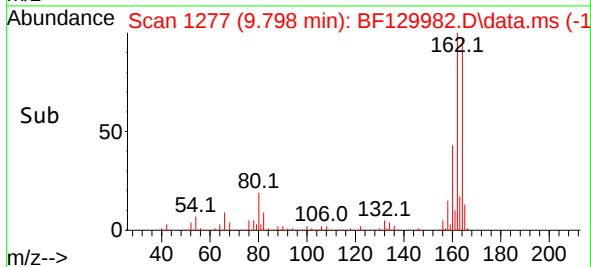
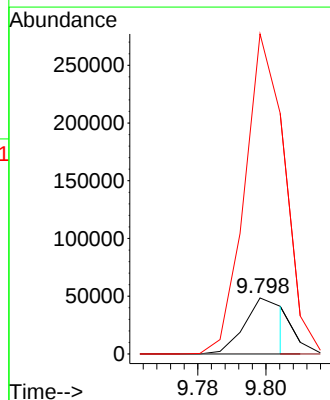
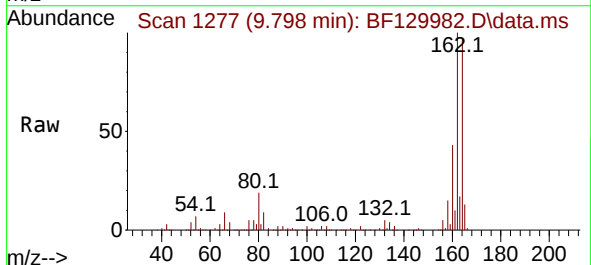
Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion:172 Resp: 1301466
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 19.1 28.7



#50
Dimethylphthalate
Concen: 2.408 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.265 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

Tgt Ion:163 Resp: 39081
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 570.9 8.2 12.2#

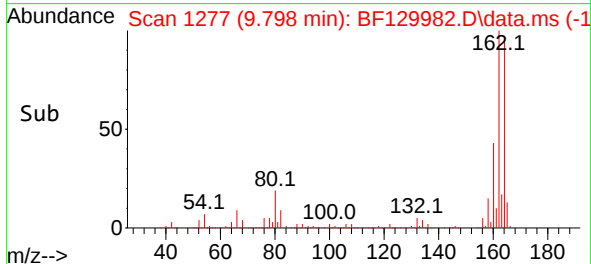
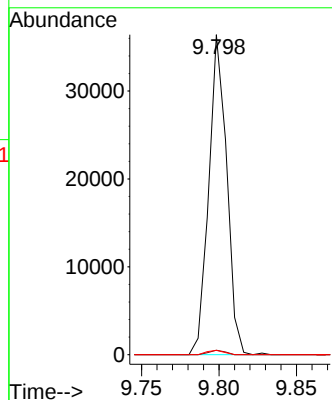
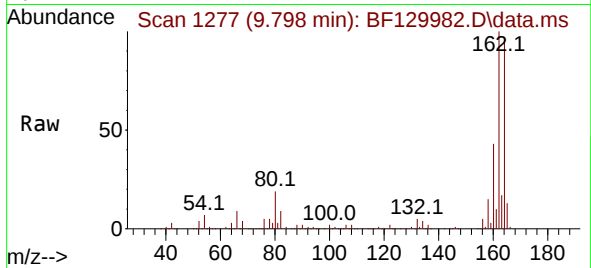




#51
2,6-Dinitrotoluene
Concen: 8.334 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.194 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

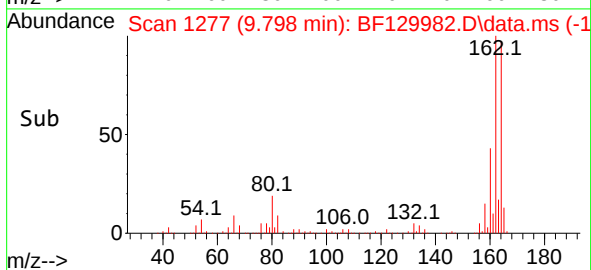
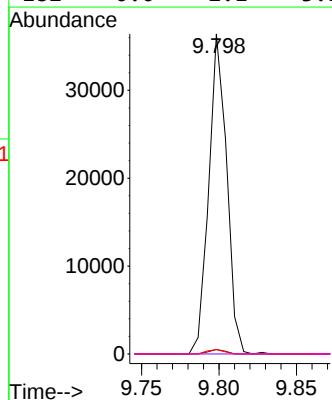
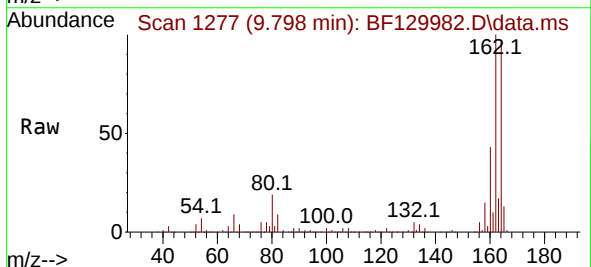
Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion:165 Resp: 29337
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.8#
89 1.3 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.420 ng
RT: 9.798 min Scan# 1277
Delta R.T. -0.217 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

Tgt Ion:165 Resp: 29337
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#

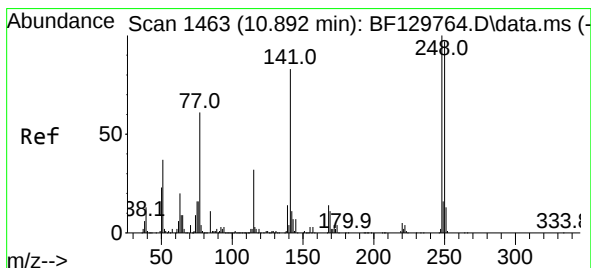
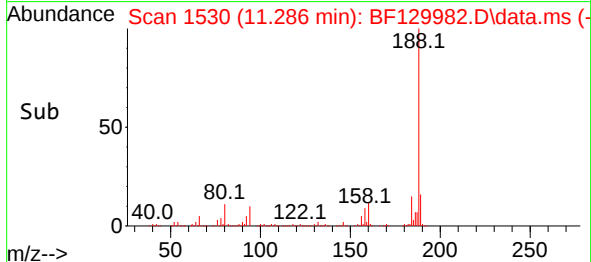
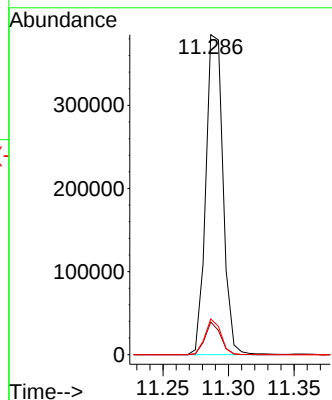
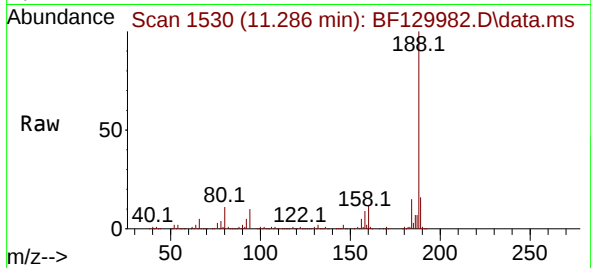




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

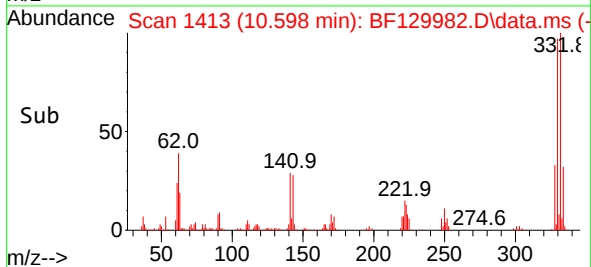
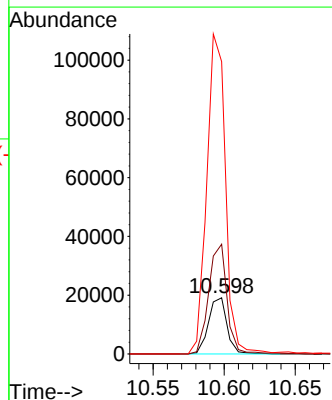
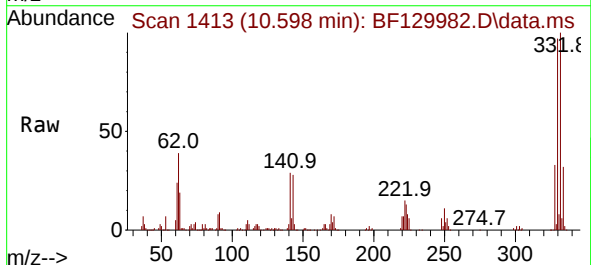
Instrument :
BNA_F
ClientSampleId :
MW-102D

Tgt Ion:188 Resp: 352930
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 11.1 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.208 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.235 min
Lab File: BF129982.D
Acq: 24 Aug 2022 20:57

Tgt Ion:248 Resp: 17394
Ion Ratio Lower Upper
248 100
250 195.1 77.8 116.6#
141 519.8 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129982.D

Acq: 24 Aug 2022 20:57

Instrument :

BNA_F

ClientSampleId :

MW-102D

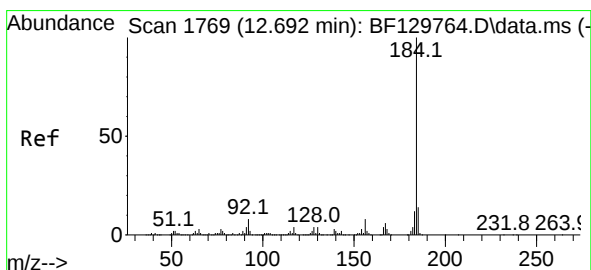
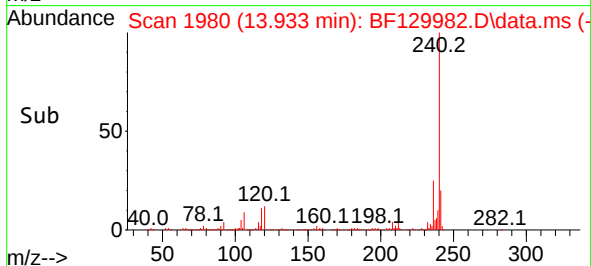
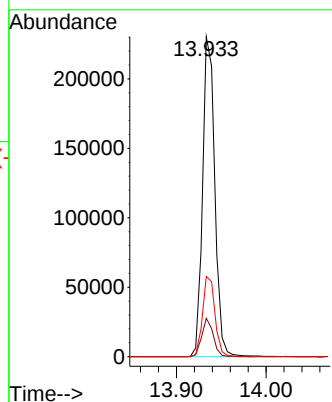
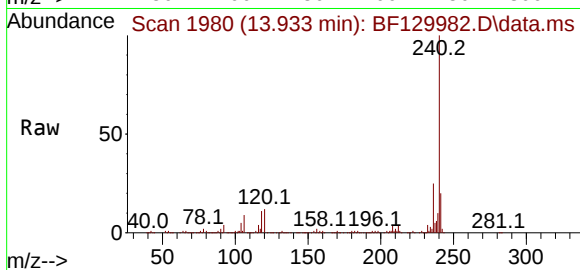
Tgt Ion:240 Resp: 217958

Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 25.1 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.875 min Scan# 1800

Delta R.T. 0.241 min

Lab File: BF129982.D

Acq: 24 Aug 2022 20:57

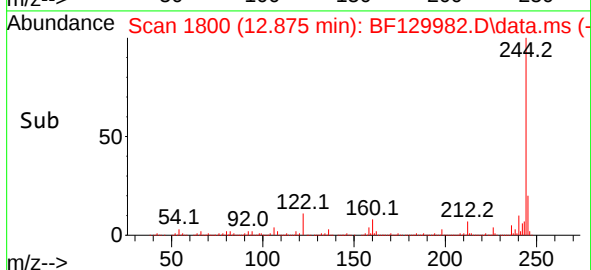
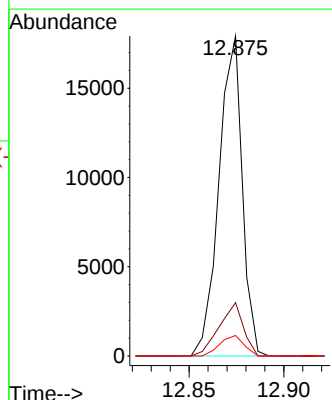
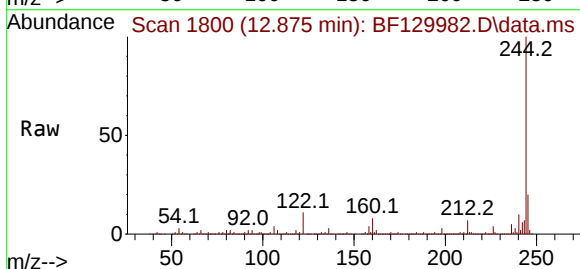
Tgt Ion:184 Resp: 15307

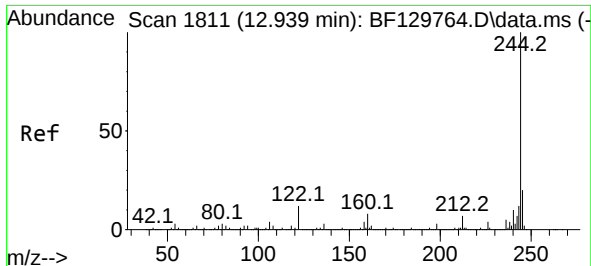
Ion Ratio Lower Upper

184 100

185 16.7 11.4 17.2

183 6.4 9.4 14.2#

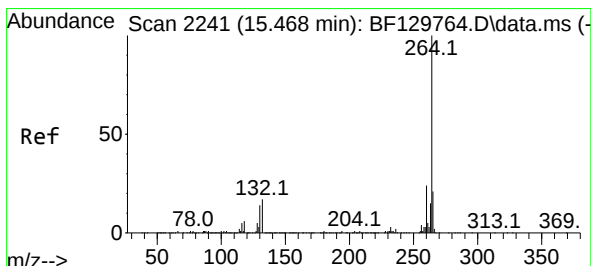
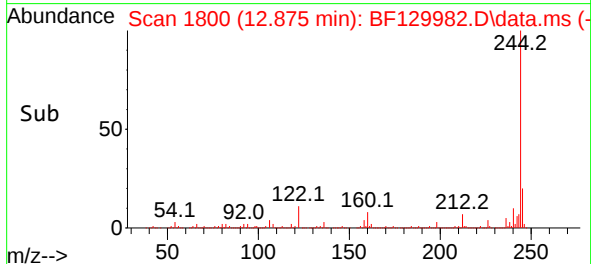
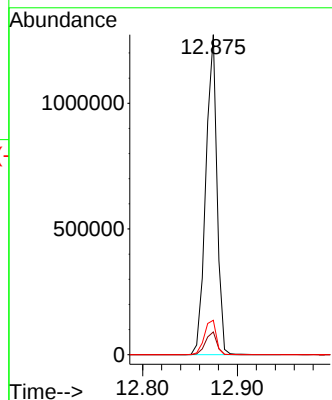
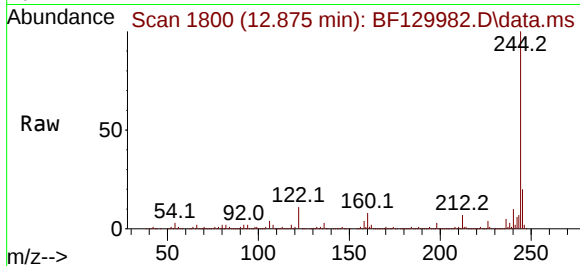




#79
 Terphenyl-d14
 Concen: 79.580 ng
 RT: 12.875 min Scan# 1811
 Delta R.T. 0.000 min
 Lab File: BF129982.D
 Acq: 24 Aug 2022 20:57

Instrument :
 BNA_F
 ClientSampleId :
 MW-102D

Tgt Ion:244 Resp: 1042419
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.7 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2227
 Delta R.T. 0.000 min
 Lab File: BF129982.D
 Acq: 24 Aug 2022 20:57

Tgt Ion:264 Resp: 216226
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 20.9 16.7 25.1

