

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127958.D
 Acq On : 27 Apr 2022 21:21
 Operator : CG\JU
 Sample : N2521-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Quant Time: Apr 28 05:17:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

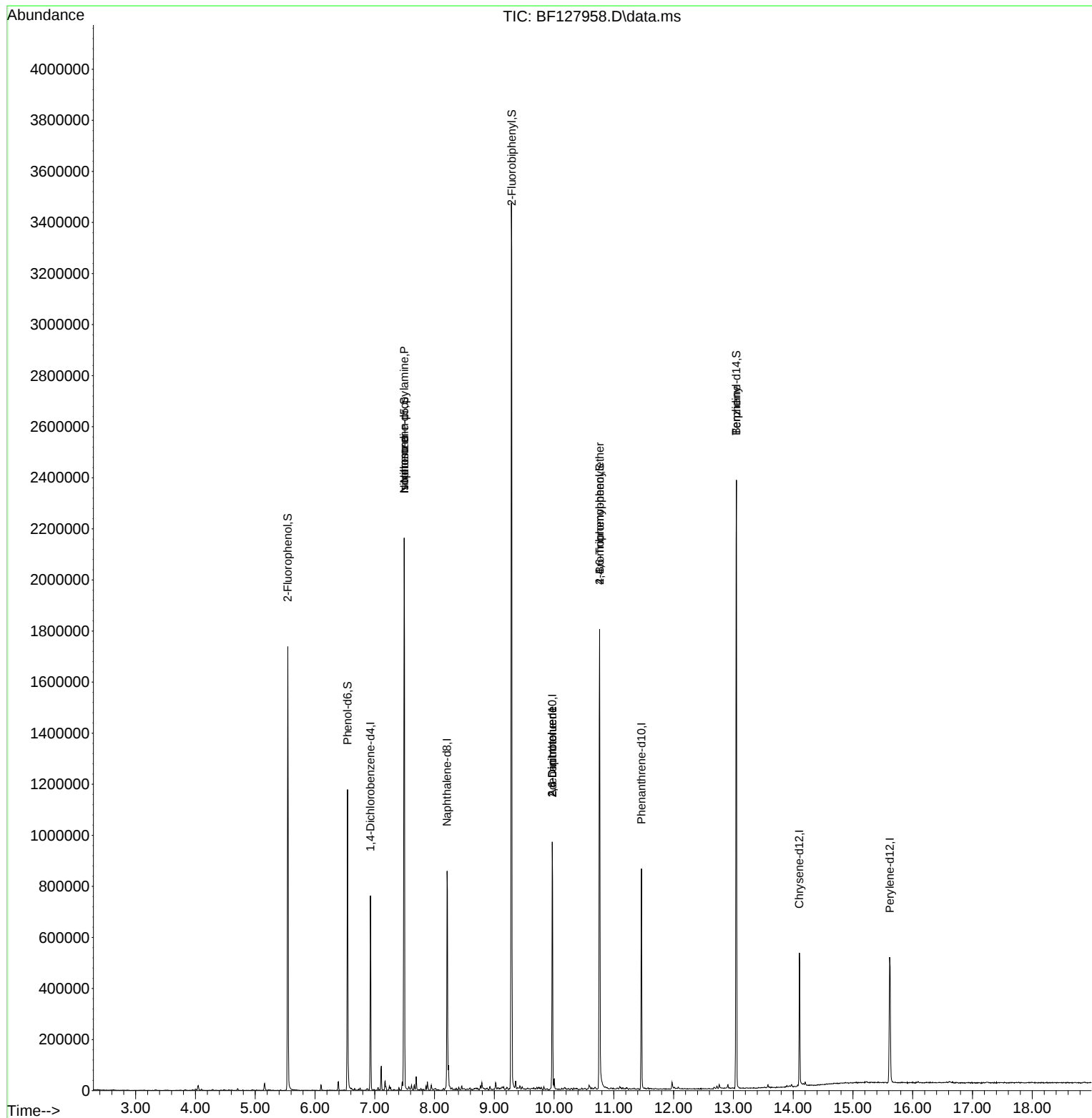
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	100153	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	374694	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	199668	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	302033	20.000	ng	0.00
76) Chrysene-d12	14.104	240	186378	20.000	ng	#-0.01
86) Perylene-d12	15.615	264	239525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	420718	66.909	ng	0.00
7) Phenol-d6	6.545	99	344800	42.260	ng	-0.02
23) Nitrobenzene-d5	7.492	82	740375	92.917	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	215167	107.048	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1143659	96.900	ng	0.00
79) Terphenyl-d14	13.051	244	826314	81.070	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	100628	20.148	ng	# 80
25) Isophorone	7.492	82	740283	55.200	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	26549	9.157	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	26549	6.913	ng	# 25
67) 4-Bromophenyl-phenylether	10.763	248	13556	4.049	ng	# 1
77) Benzydine	13.051	184	11566	3.280	ng	# 94

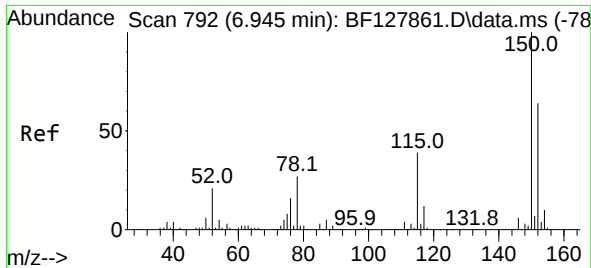
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127958.D
Acq On : 27 Apr 2022 21:21
Operator : CG\JU
Sample : N2521-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW3

Quant Time: Apr 28 05:17:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

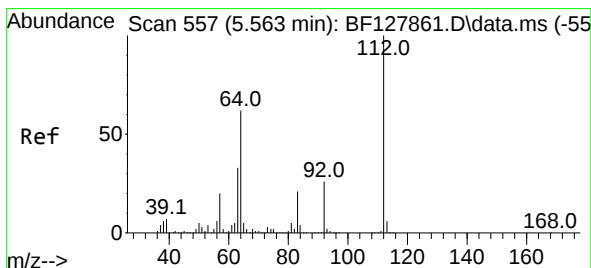
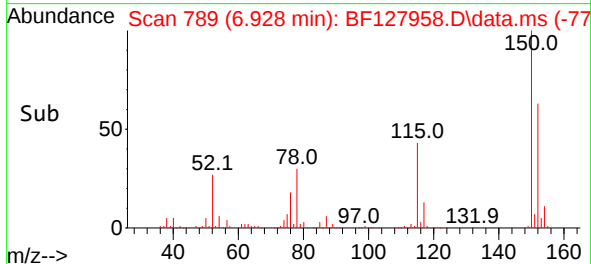
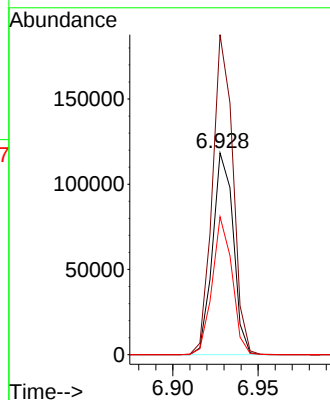
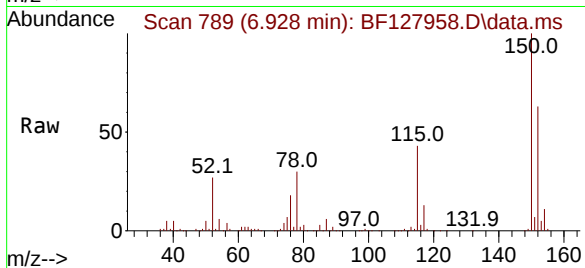




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127958.D
 Acq: 27 Apr 2022 21:21

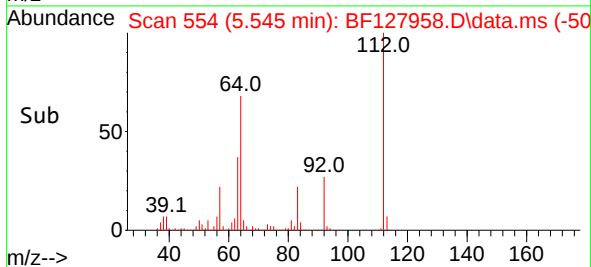
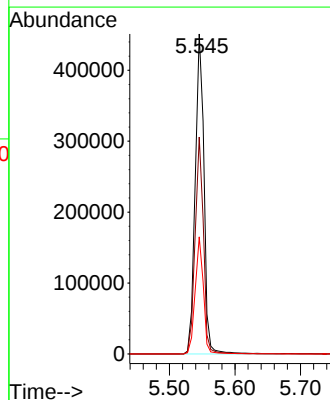
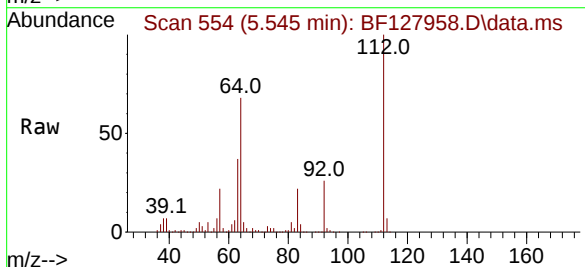
Instrument :
 BNA_F
 ClientSampleId :
 MW3

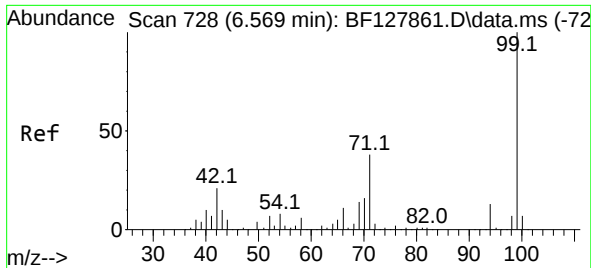
Tgt Ion:152 Resp: 100153
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.3 187.9
 115 68.4 48.8 73.2



#5
 2-Fluorophenol
 Concen: 66.909 ng
 RT: 5.545 min Scan# 554
 Delta R.T. -0.006 min
 Lab File: BF127958.D
 Acq: 27 Apr 2022 21:21

Tgt Ion:112 Resp: 420718
 Ion Ratio Lower Upper
 112 100
 64 67.8 49.5 74.3
 63 36.6 26.3 39.5

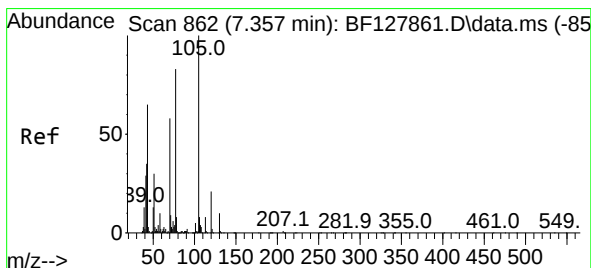
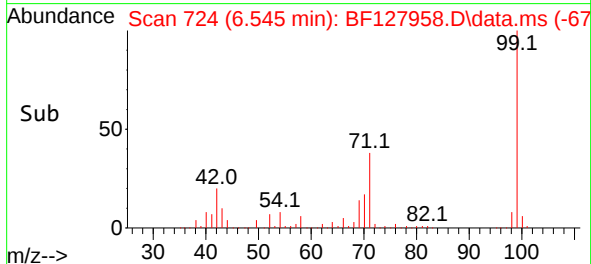
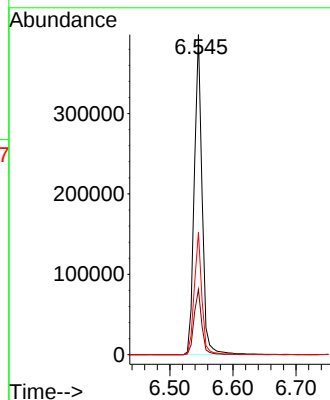
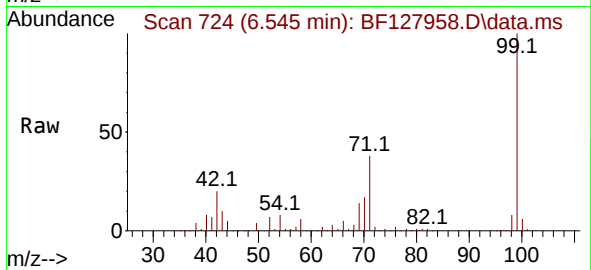




#7
Phenol-d6
Concen: 42.260 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

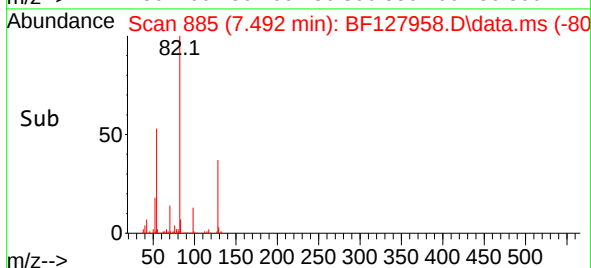
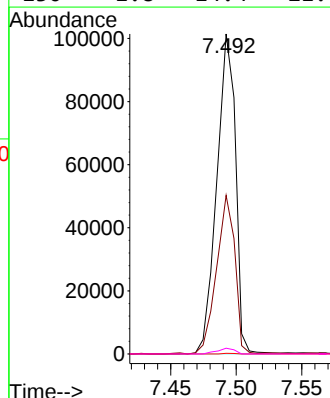
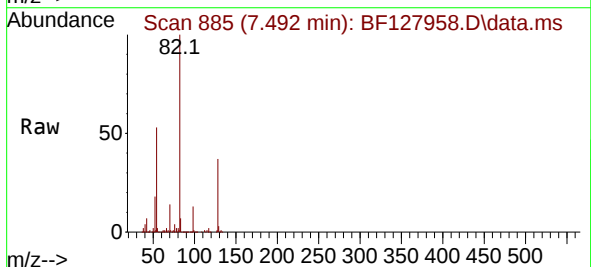
Instrument :
BNA_F
ClientSampleId :
MW3

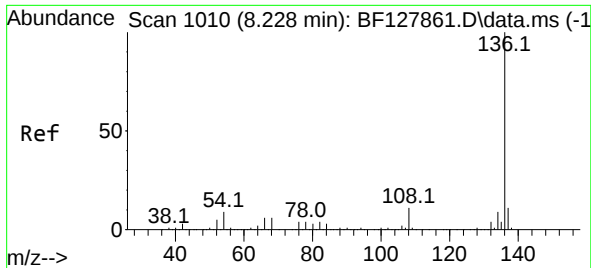
Tgt Ion: 99 Resp: 344800
Ion Ratio Lower Upper
99 100
42 20.4 16.6 24.8
71 38.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.148 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

Tgt Ion: 70 Resp: 100628
Ion Ratio Lower Upper
70 100
42 49.6 48.7 73.1
101 0.2 7.2 10.8#
130 1.8 14.4 21.6#

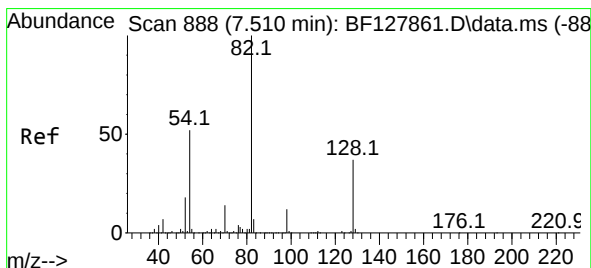
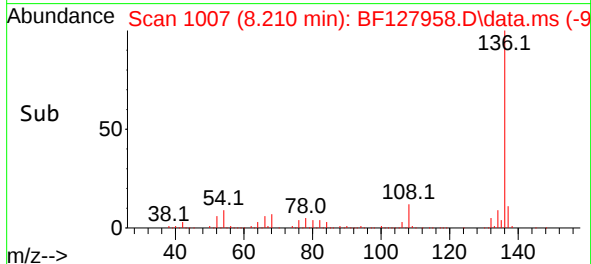
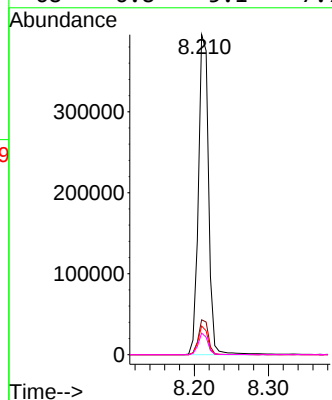
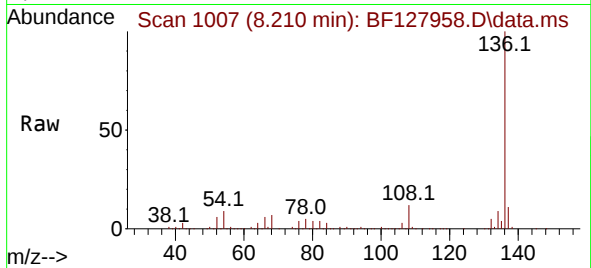




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

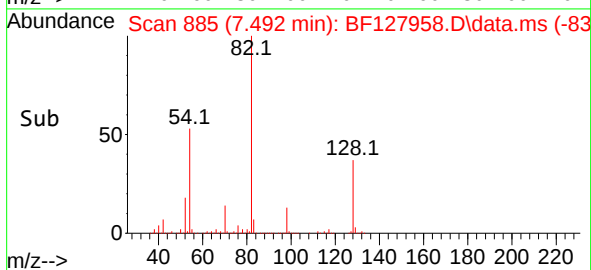
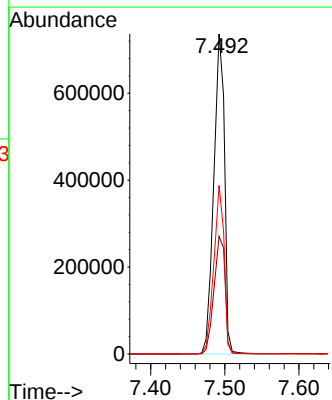
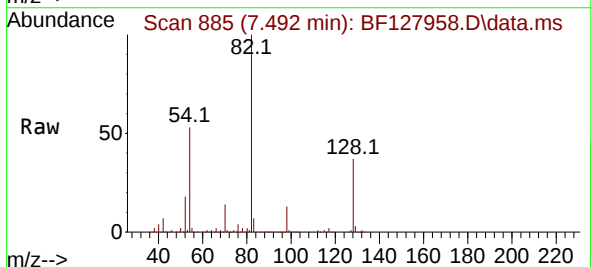
Instrument :
BNA_F
ClientSampleId :
MW3

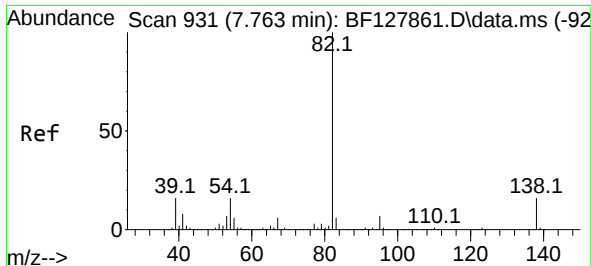
Tgt	Ion:136	Resp:	374694
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.0	6.8	10.2
68	6.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 92.917 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

Tgt Ion: 82	Resp: 740375
Ion Ratio	Lower Upper
82 100	
128 36.7	30.0 45.0
54 52.6	41.3 61.9

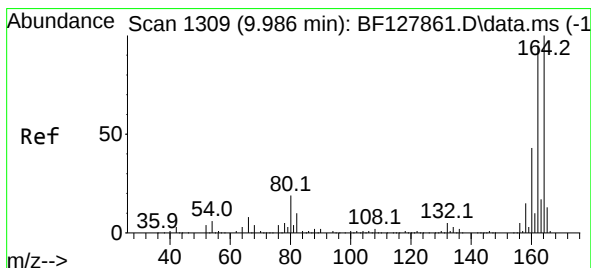
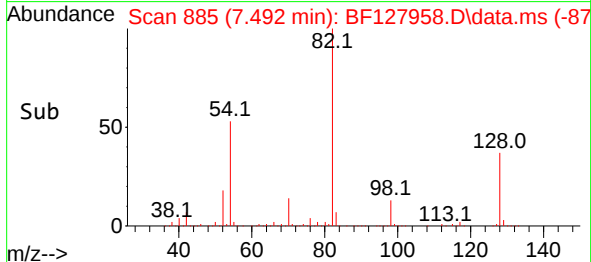
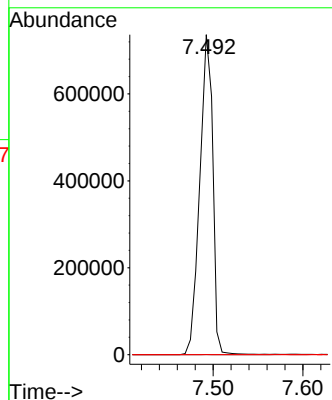
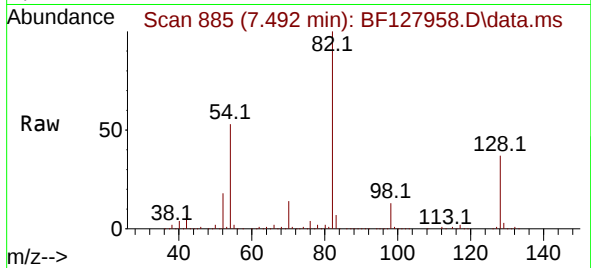




#25
Isophorone
Concen: 55.200 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

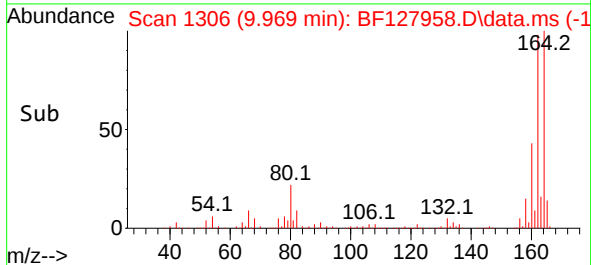
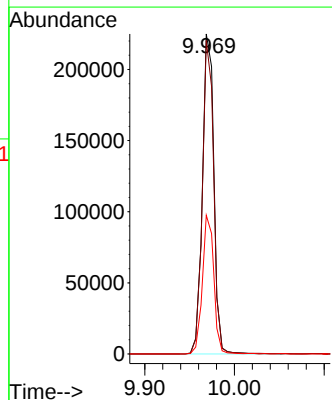
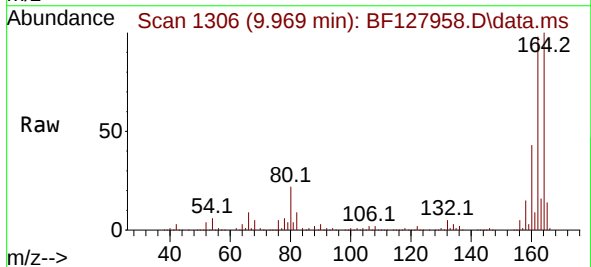
Instrument :
BNA_F
ClientSampleId :
MW3

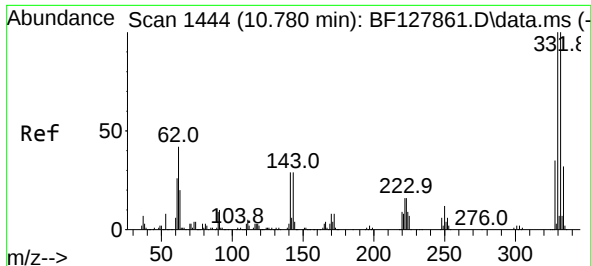
Tgt Ion: 82 Resp: 740283
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

Tgt Ion: 164 Resp: 199668
Ion Ratio Lower Upper
164 100
162 98.0 76.0 114.0
160 43.3 34.8 52.2

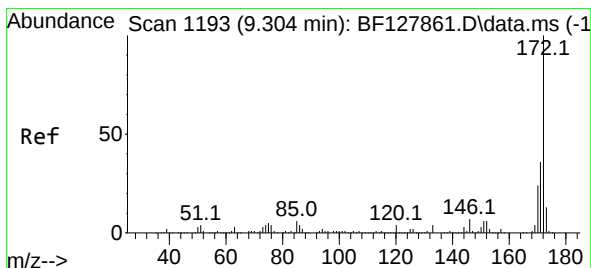
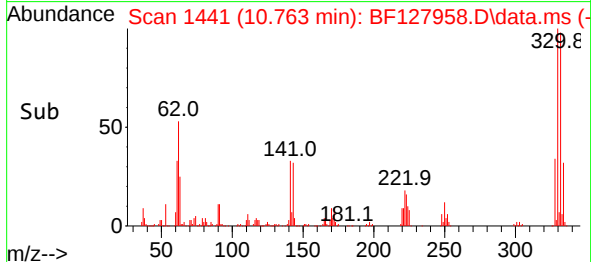
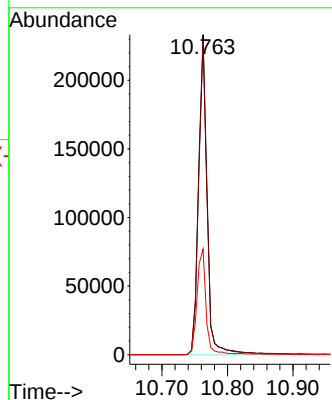
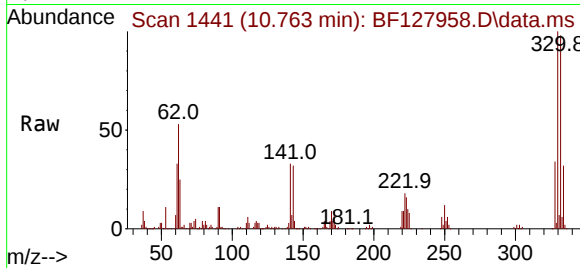




#42
2,4,6-Tribromophenol
Concen: 107.048 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

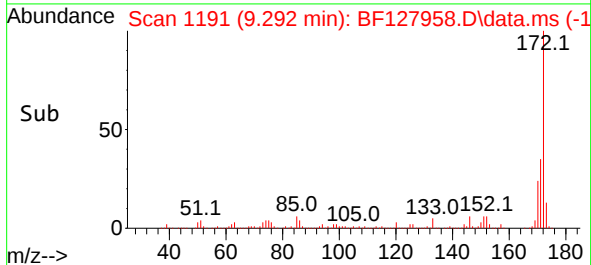
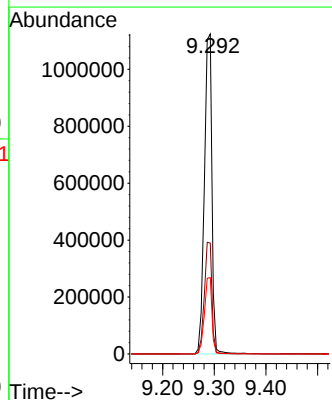
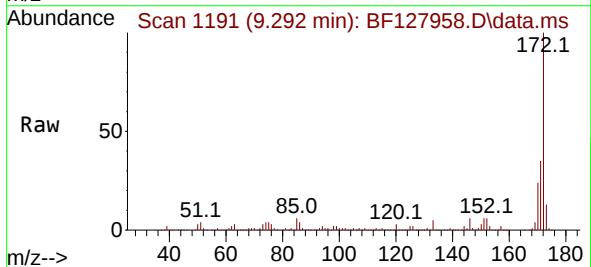
Instrument :
BNA_F
ClientSampleId :
MW3

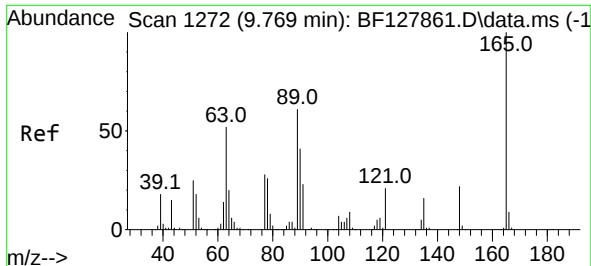
Tgt Ion: 330 Resp: 215167
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 35.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 96.900 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

Tgt Ion: 172 Resp: 1143659
Ion Ratio Lower Upper
172 100
171 34.6 28.6 42.8
170 23.8 19.1 28.7

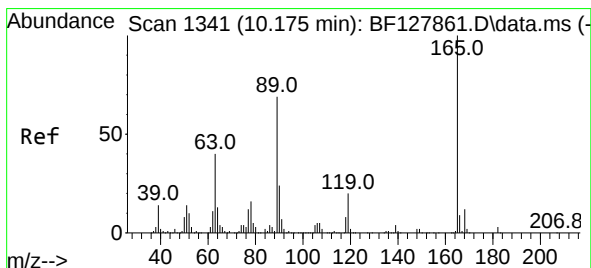
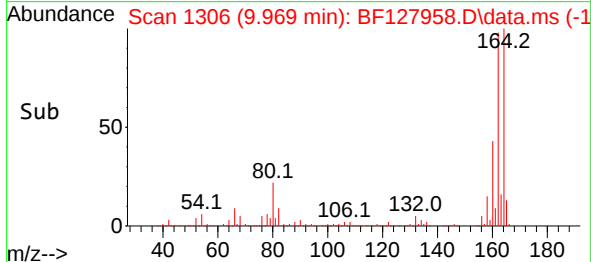
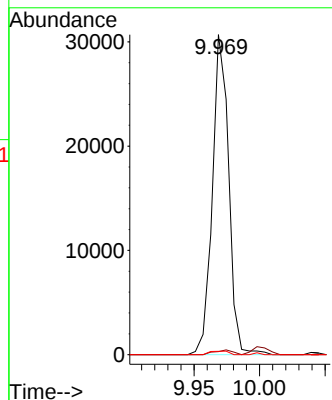
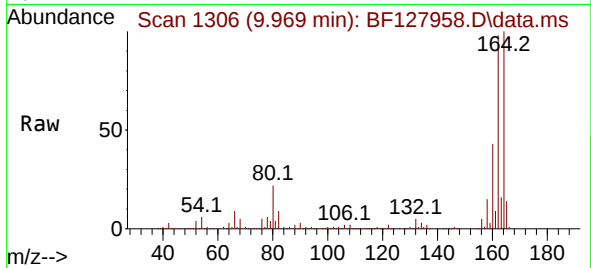




#51
2,6-Dinitrotoluene
Concen: 9.157 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

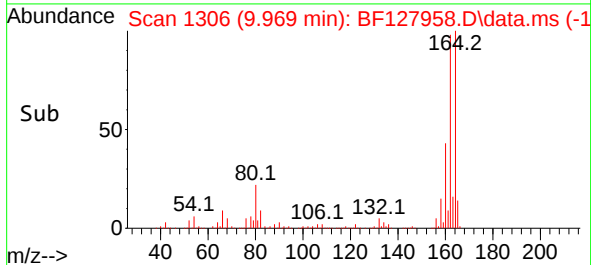
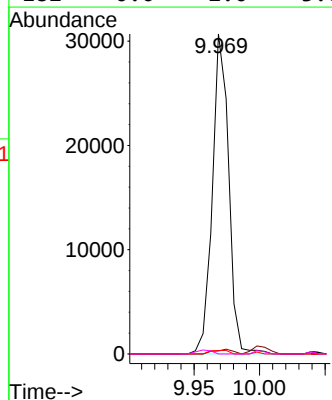
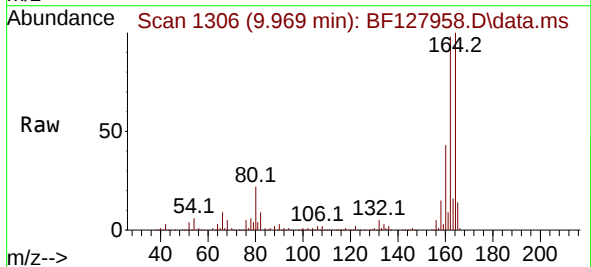
Instrument :
BNA_F
ClientSampleId :
MW3

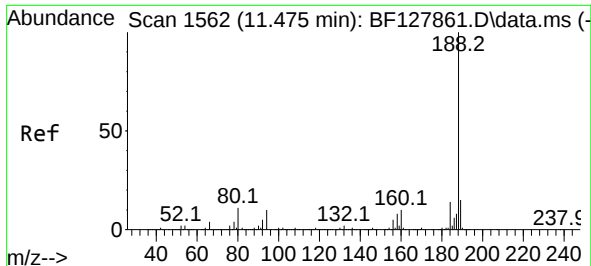
Tgt Ion:165 Resp: 26549
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.913 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

Tgt Ion:165 Resp: 26549
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

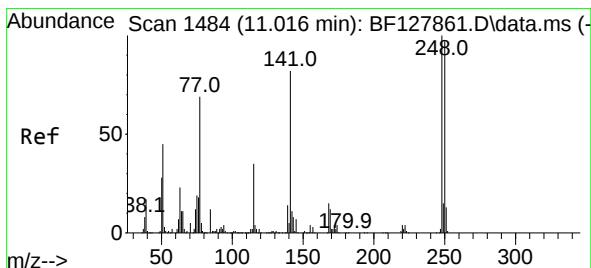
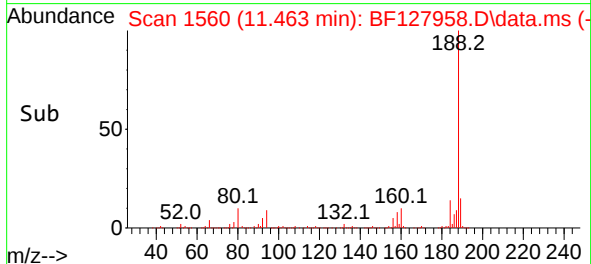
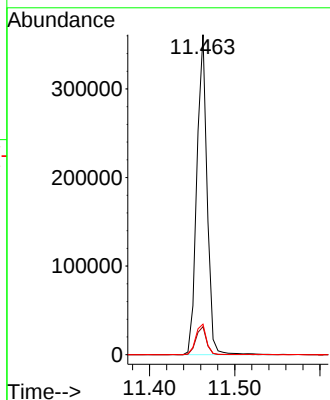
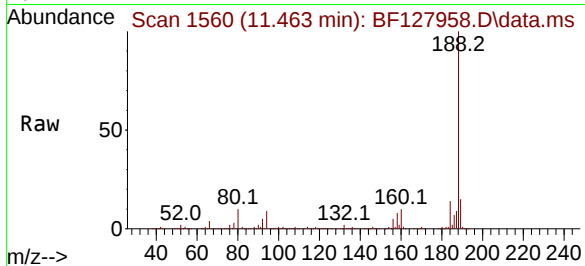




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

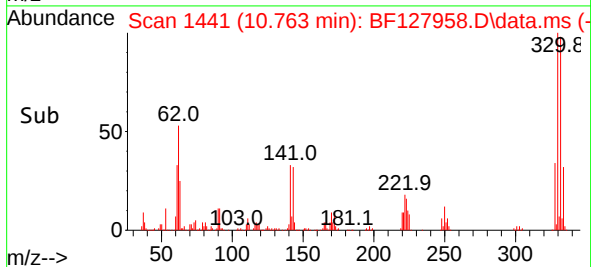
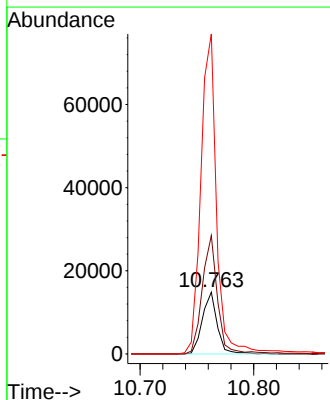
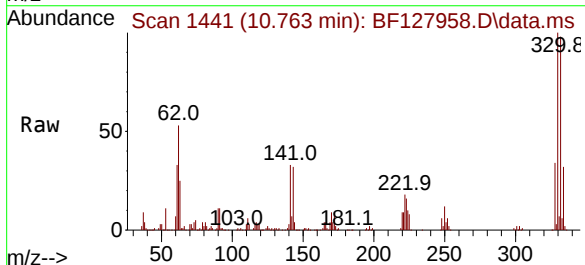
Instrument :
BNA_F
ClientSampleId :
MW3

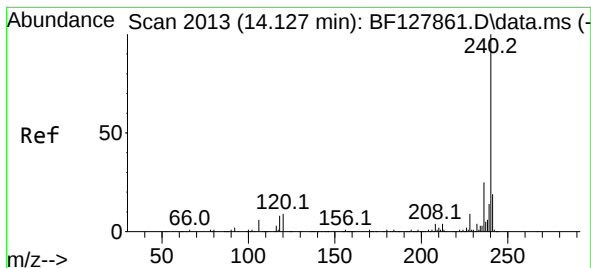
Tgt Ion:188 Resp: 302033
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.049 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF127958.D
Acq: 27 Apr 2022 21:21

Tgt Ion:248 Resp: 13556
Ion Ratio Lower Upper
248 100
250 191.5 77.7 116.5#
141 517.7 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.104 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF127958.D

Acq: 27 Apr 2022 21:21

Instrument :

BNA_F

ClientSampleId :

MW3

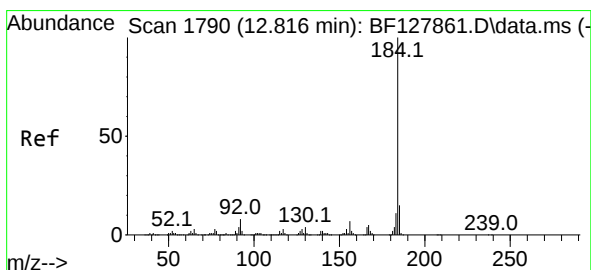
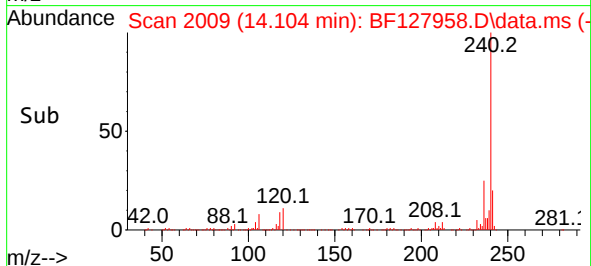
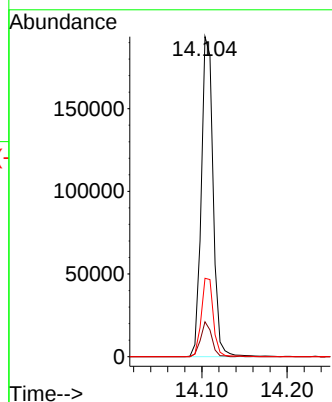
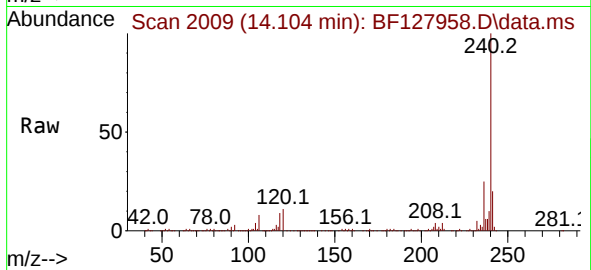
Tgt Ion:240 Resp: 186378

Ion Ratio Lower Upper

240 100

120 10.9 7.0 10.6#

236 24.5 20.3 30.5



#77

Benzidine

Concen: 3.280 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.247 min

Lab File: BF127958.D

Acq: 27 Apr 2022 21:21

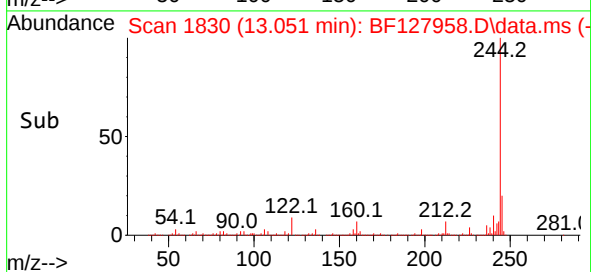
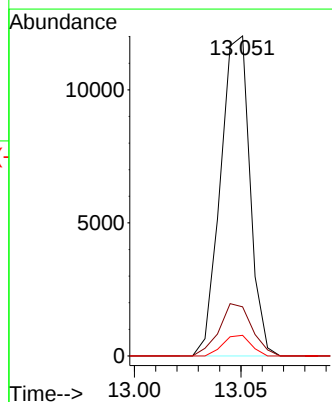
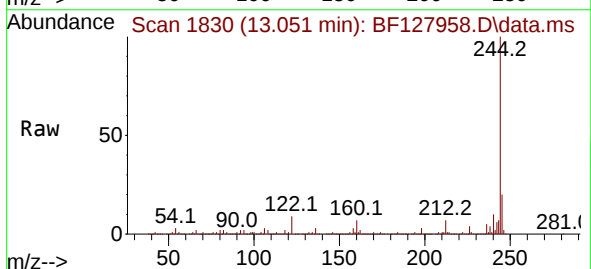
Tgt Ion:184 Resp: 11566

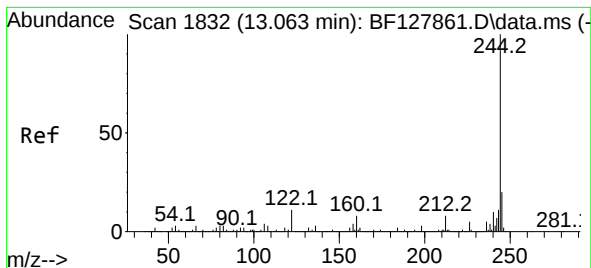
Ion Ratio Lower Upper

184 100

185 15.4 12.1 18.1

183 6.4 9.0 13.4#





#79

Terphenyl-d14

Concen: 81.070 ng

RT: 13.051 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF127958.D

Acq: 27 Apr 2022 21:21

Instrument :

BNA_F

ClientSampleId :

MW3

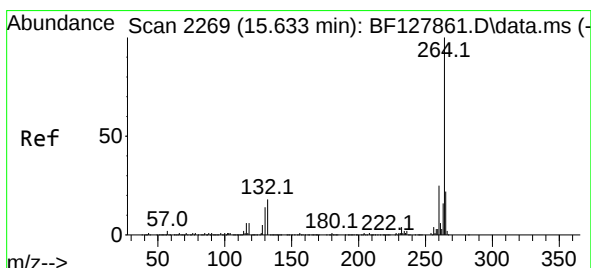
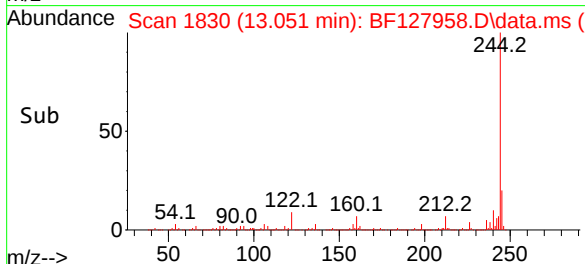
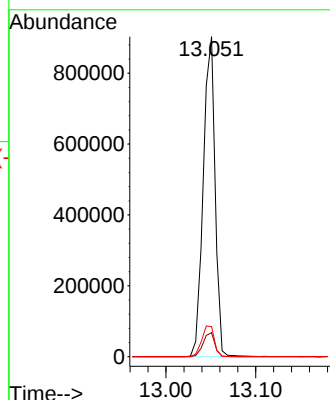
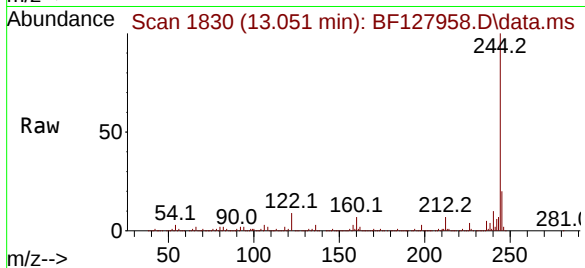
Tgt Ion:244 Resp: 826314

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 9.4 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF127958.D

Acq: 27 Apr 2022 21:21

Tgt Ion:264 Resp: 239525

Ion Ratio Lower Upper

264 100

260 23.3 20.1 30.1

265 20.9 17.5 26.3

