

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127854.D
 Acq On : 19 Apr 2022 21:35
 Operator : CG\JU
 Sample : N2452-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-3

Quant Time: Apr 20 03:55:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 17:31:18 2022
 Response via : Initial Calibration

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

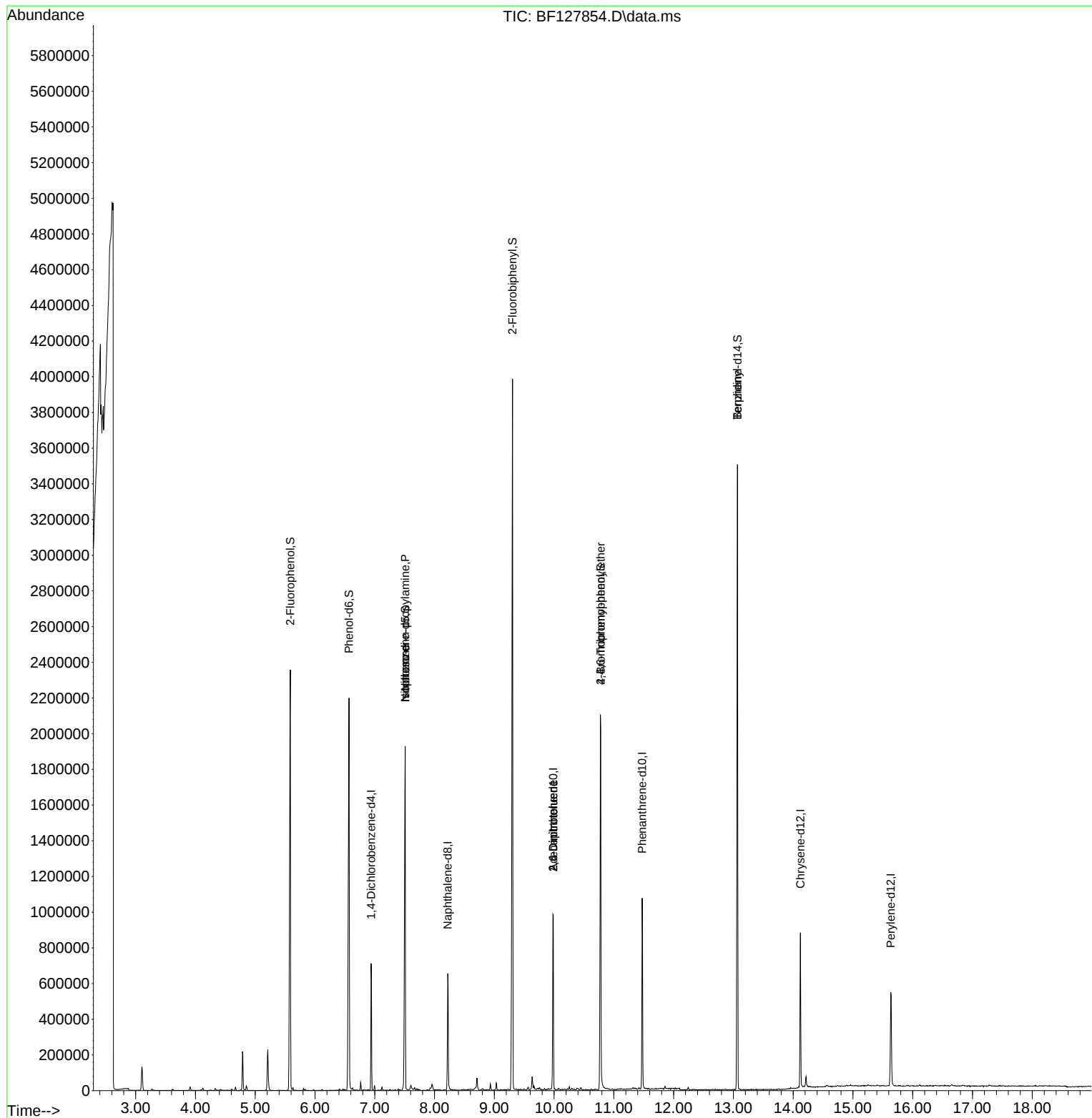
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	94764	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	288370	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	214203	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	388389	20.000	ng	0.00
76) Chrysene-d12	14.121	240	288555	20.000	ng	-0.01
86) Perylene-d12	15.633	264	262910	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	616959	101.994	ng	0.02
7) Phenol-d6	6.569	99	742323	98.271	ng	0.00
23) Nitrobenzene-d5	7.510	82	705690	113.493	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	270533	103.677	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1204404	73.442	ng	0.00
79) Terphenyl-d14	13.068	244	1177612	64.058	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	100031	19.293	ng	# 76
25) Isophorone	7.510	82	703511	67.244	ng	# 70
51) 2,6-Dinitrotoluene	9.986	165	28244	8.829	ng	# 17
57) 2,4-Dinitrotoluene	9.986	165	28244	7.051	ng	# 14
67) 4-Bromophenyl-phenylether	10.780	248	17516	3.328	ng	# 1
77) Benzidine	13.068	184	18753	2.519	ng	# 92

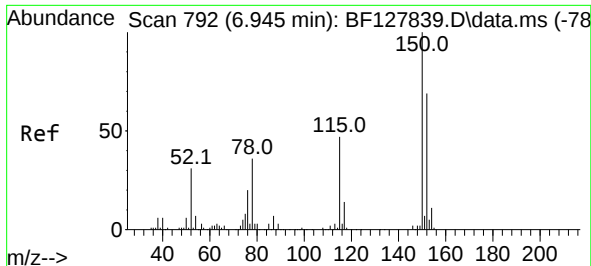
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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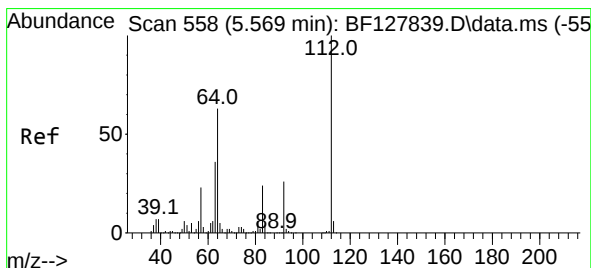
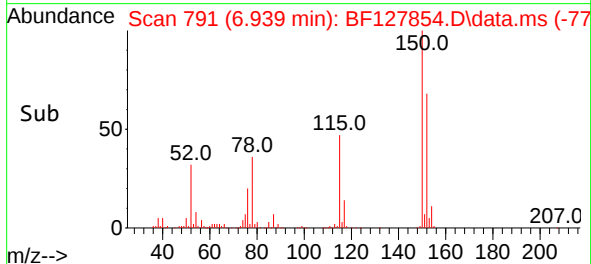
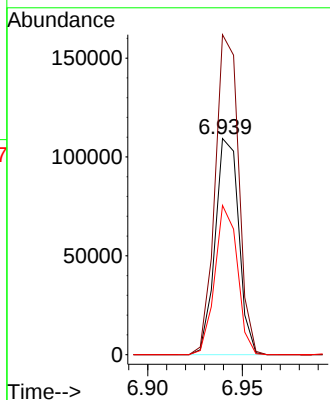
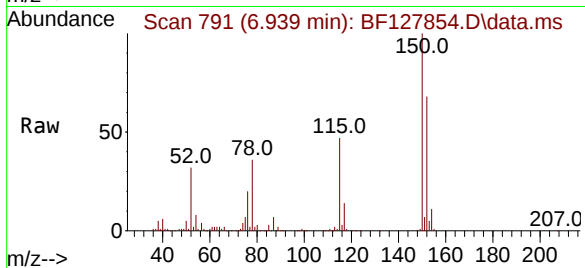




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127854.D
Acq: 19 Apr 2022 21:35

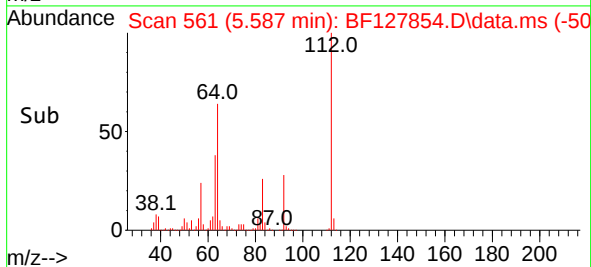
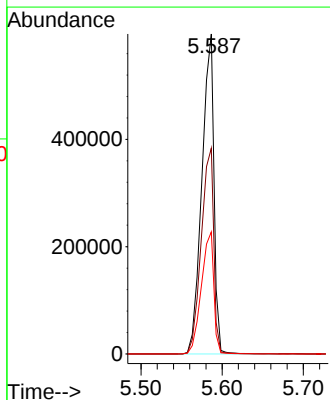
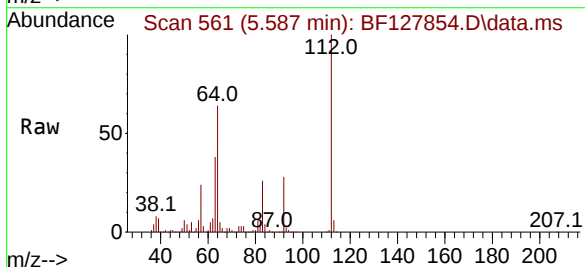
Instrument :
BNA_F
ClientSampleId :
WC-15-1-3

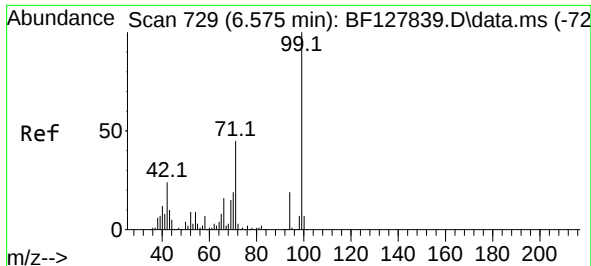
Tgt Ion:152 Resp: 94764
Ion Ratio Lower Upper
152 100
150 148.0 117.2 175.8
115 69.0 49.8 74.6



#5
2-Fluorophenol
Concen: 101.994 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF127854.D
Acq: 19 Apr 2022 21:35

Tgt Ion:112 Resp: 616959
Ion Ratio Lower Upper
112 100
64 64.3 58.4 87.6
63 38.2 30.1 45.1

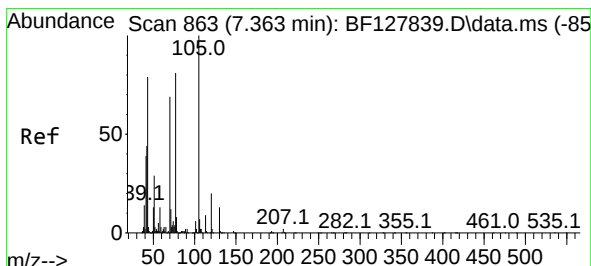
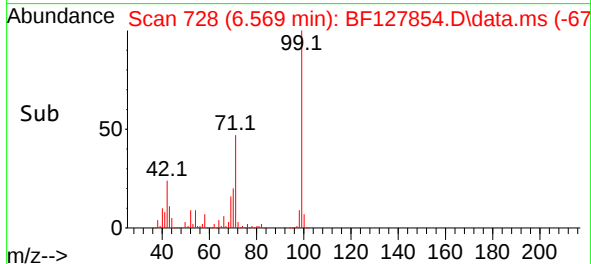
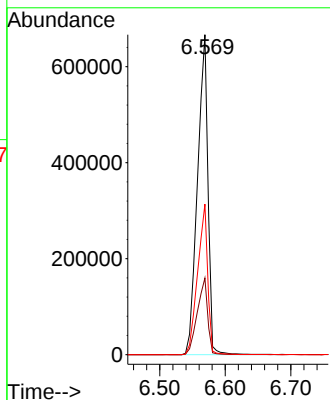
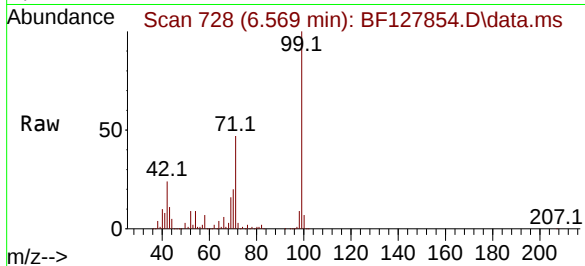




#7
Phenol-d6
Concen: 98.271 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127854.D
Acq: 19 Apr 2022 21:35

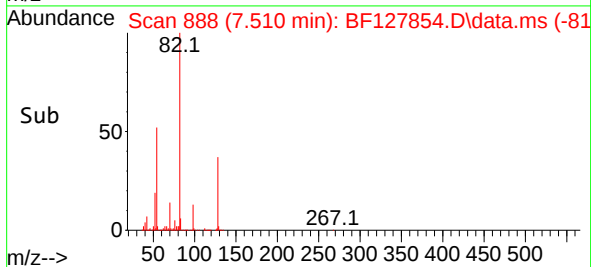
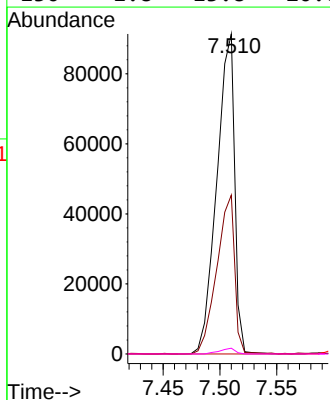
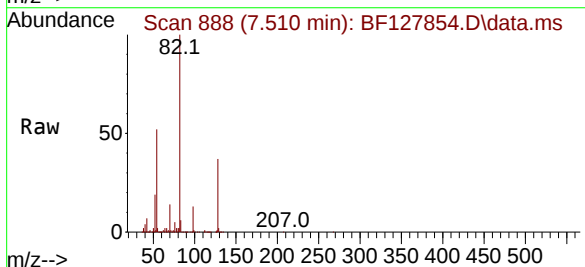
Instrument :
BNA_F
ClientSampleId :
WC-15-1-3

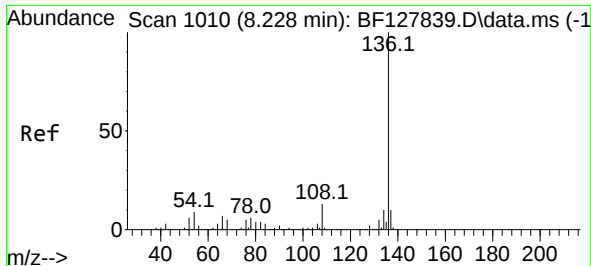
Tgt Ion: 99 Resp: 742323
Ion Ratio Lower Upper
99 100
42 23.9 17.8 26.6
71 47.1 29.6 44.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.293 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF127854.D
Acq: 19 Apr 2022 21:35

Tgt Ion: 70 Resp: 100031
Ion Ratio Lower Upper
70 100
42 49.6 53.0 79.6#
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



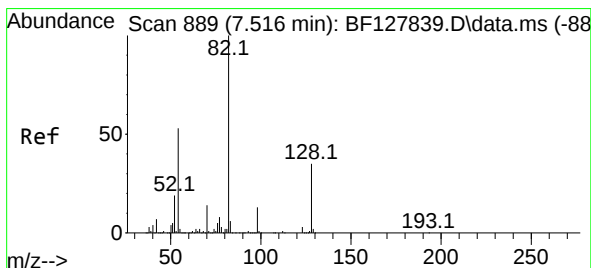
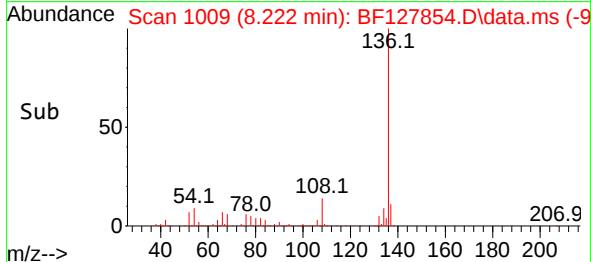
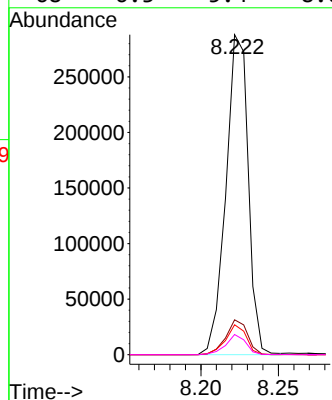
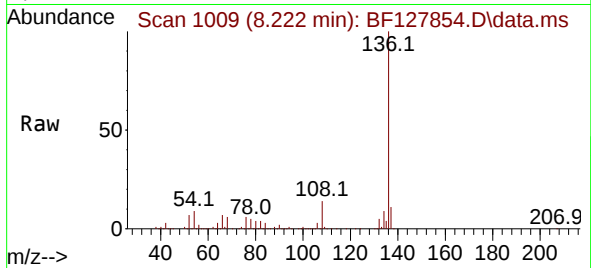


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127854.D
Acq: 19 Apr 2022 21:35

Instrument :
BNA_F
ClientSampleId :
WC-15-1-3

Tgt Ion:136 Resp: 288370

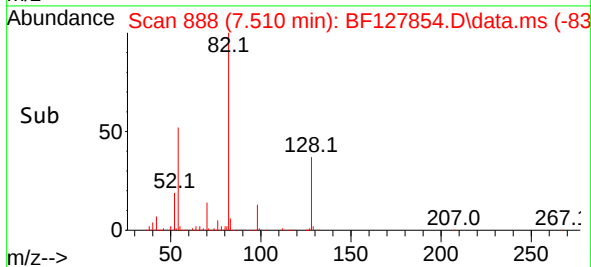
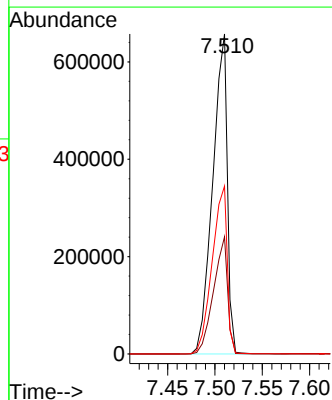
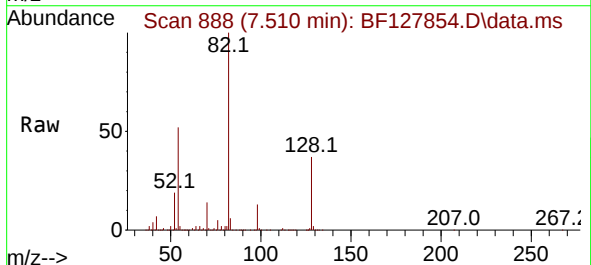
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.4	9.2	13.8
68	6.3	5.4	8.0

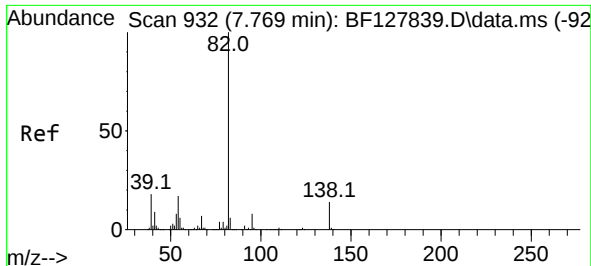


#23
Nitrobenzene-d5
Concen: 113.493 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF127854.D
Acq: 19 Apr 2022 21:35

Tgt Ion: 82 Resp: 705690

Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.6	45.8
54	52.5	48.2	72.2

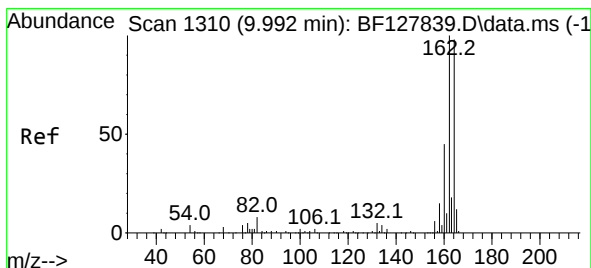
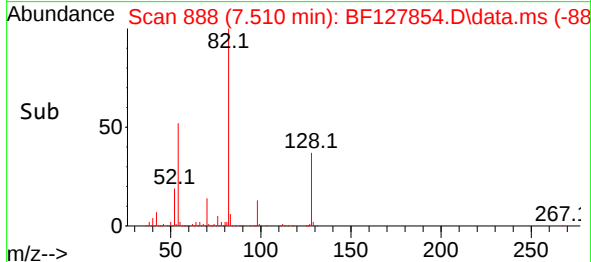
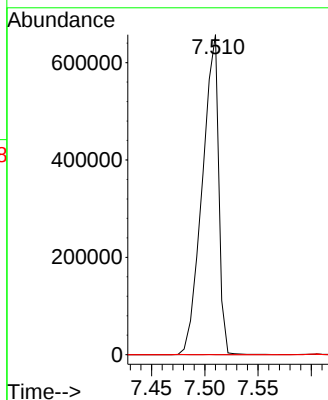
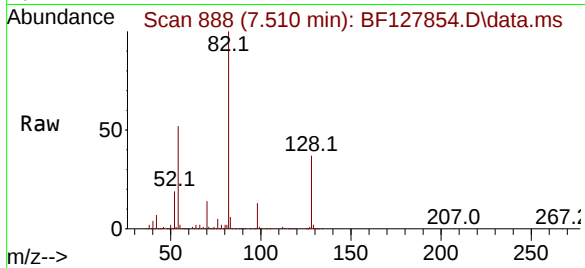




#25
Isophorone
Concen: 67.244 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127854.D
Acq: 19 Apr 2022 21:35

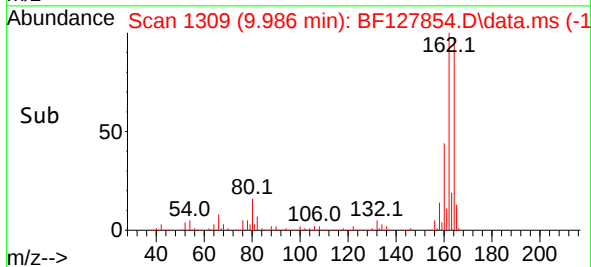
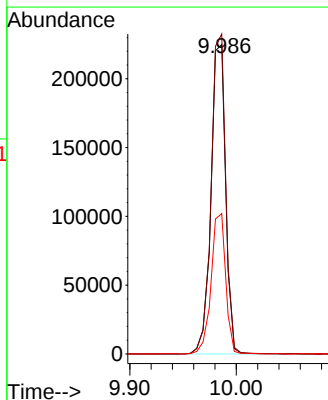
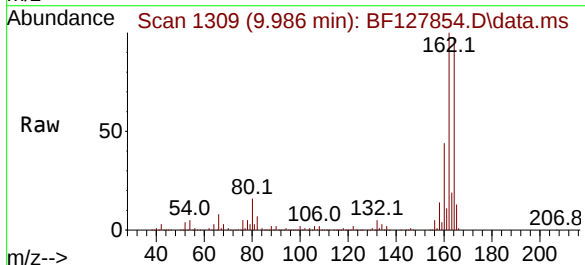
Instrument :
BNA_F
ClientSampleId :
WC-15-1-3

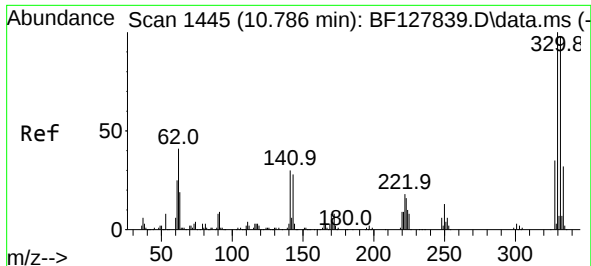
Tgt Ion: 82 Resp: 703511
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF127854.D
Acq: 19 Apr 2022 21:35

Tgt Ion: 164 Resp: 214203
Ion Ratio Lower Upper
164 100
162 103.4 81.2 121.8
160 45.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 103.677 ng

RT: 10.780 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF127854.D

Acq: 19 Apr 2022 21:35

Instrument :

BNA_F

ClientSampleId :

WC-15-1-3

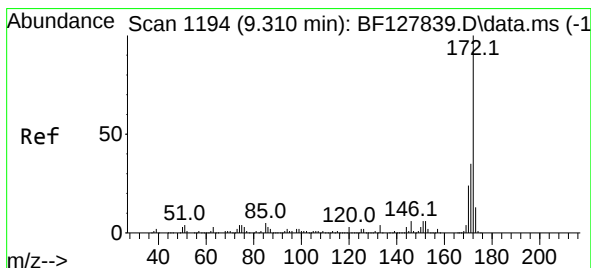
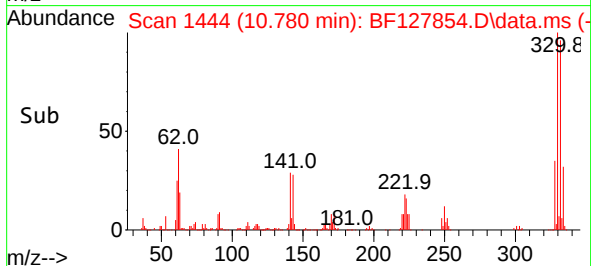
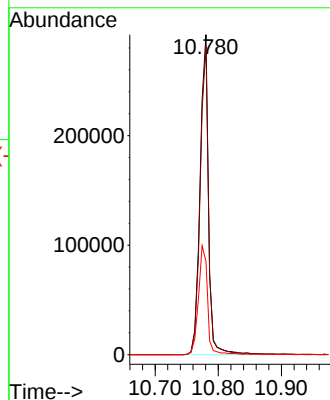
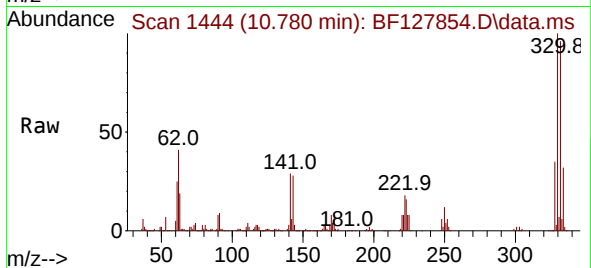
Tgt Ion:330 Resp: 270533

Ion Ratio Lower Upper

330 100

332 96.0 79.1 118.7

141 36.6 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 73.442 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF127854.D

Acq: 19 Apr 2022 21:35

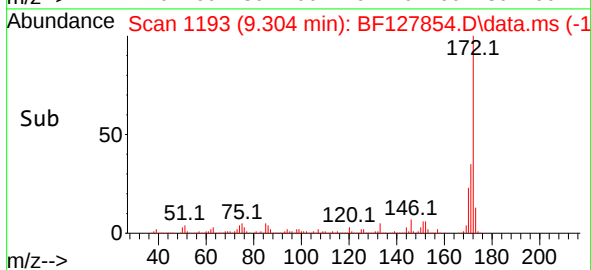
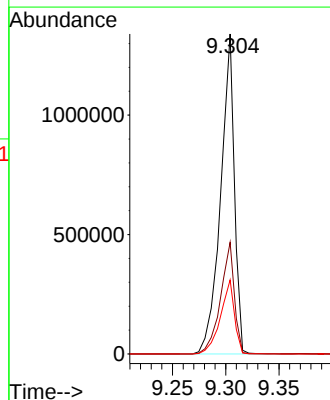
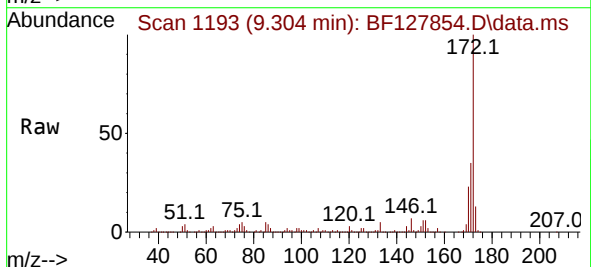
Tgt Ion:172 Resp: 1204404

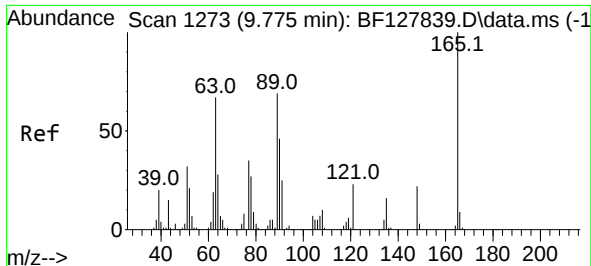
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.1 18.6 27.8

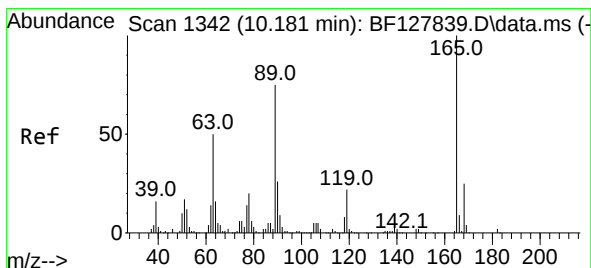
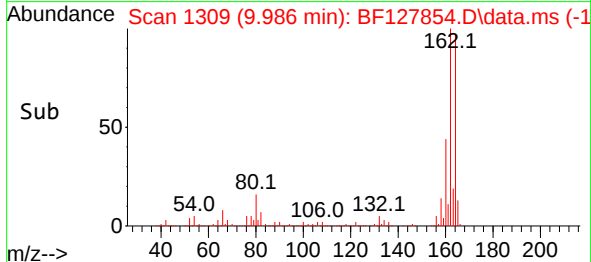
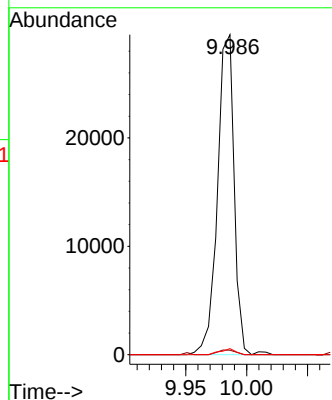
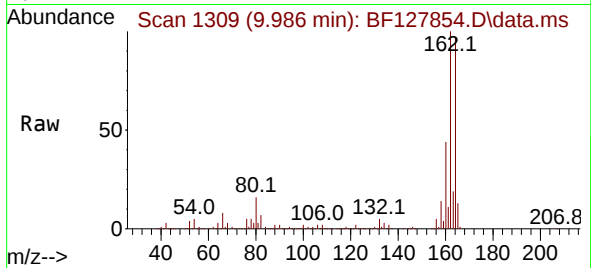




#51
2,6-Dinitrotoluene
Concen: 8.829 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127854.D
Acq: 19 Apr 2022 21:35

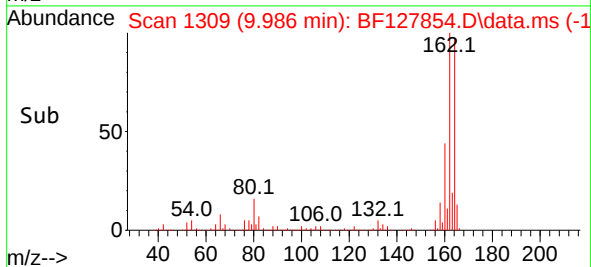
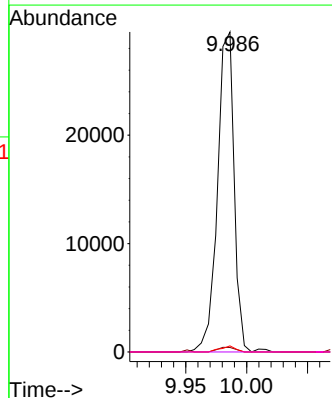
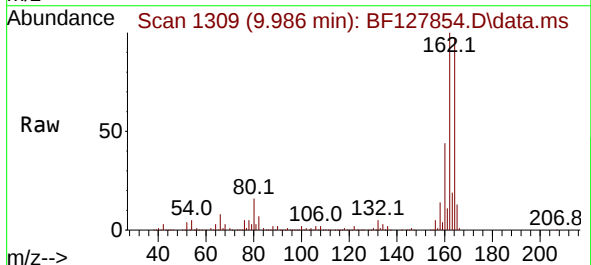
Instrument :
BNA_F
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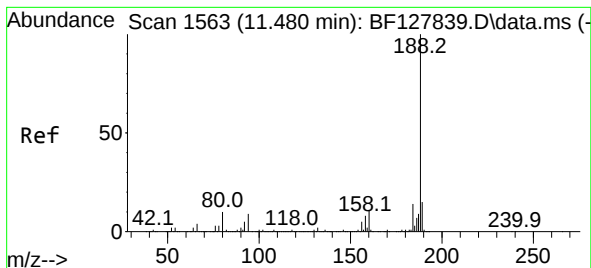
Tgt Ion:165 Resp: 28244
Ion Ratio Lower Upper
165 100
63 1.4 58.3 87.5#
89 1.9 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 7.051 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.194 min
Lab File: BF127854.D
Acq: 19 Apr 2022 21:35

Tgt Ion:165 Resp: 28244
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.9 69.2 103.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.474 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127854.D

Acq: 19 Apr 2022 21:35

Instrument :

BNA_F

ClientSampleId :

WC-15-1-3

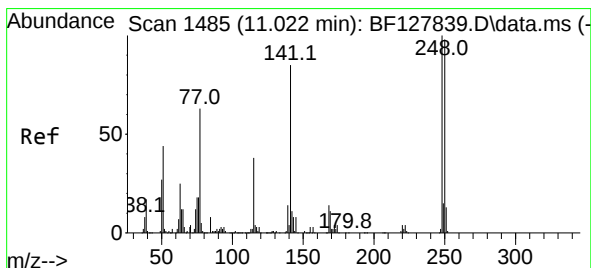
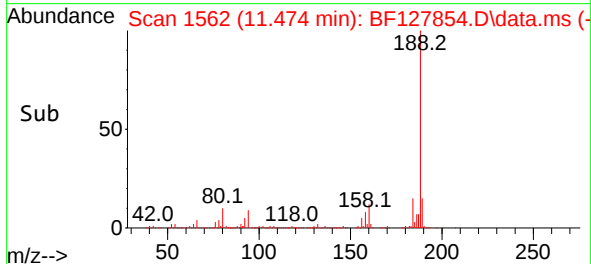
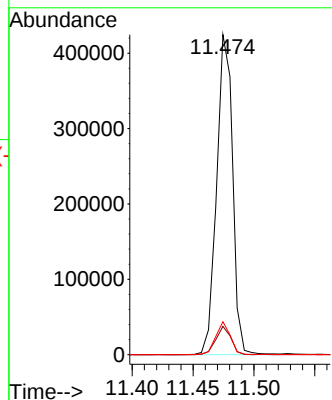
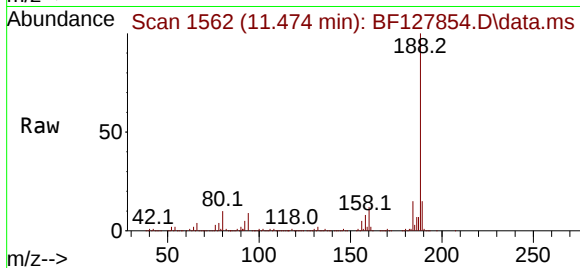
Tgt Ion:188 Resp: 388389

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.0

80 10.3 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 3.328 ng

RT: 10.780 min Scan# 1444

Delta R.T. -0.241 min

Lab File: BF127854.D

Acq: 19 Apr 2022 21:35

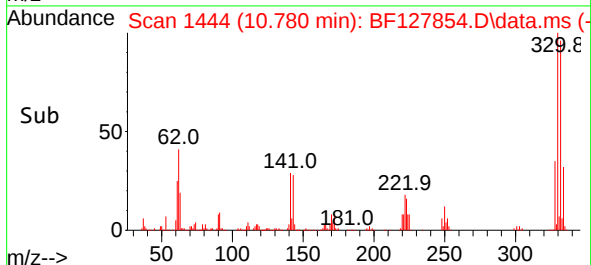
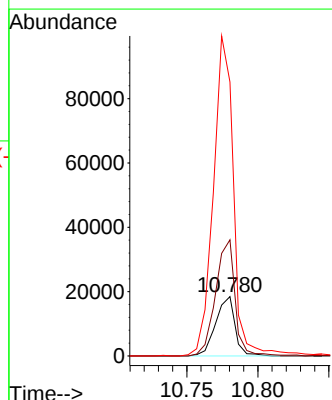
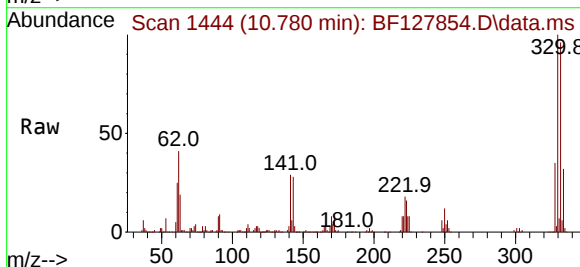
Tgt Ion:248 Resp: 17516

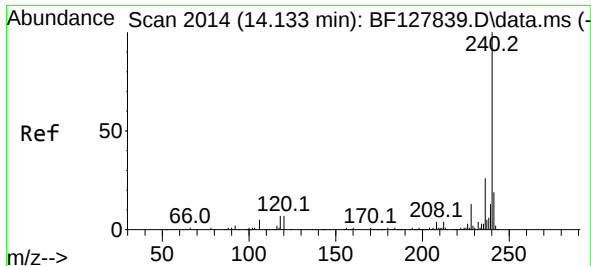
Ion Ratio Lower Upper

248 100

250 195.7 76.6 115.0#

141 461.3 52.2 78.2#

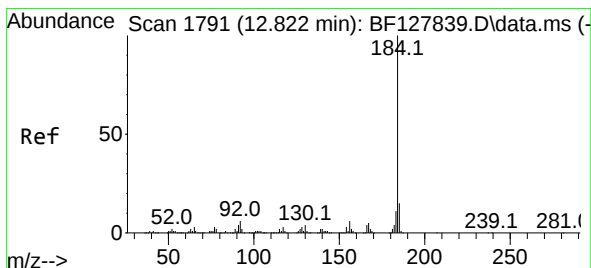
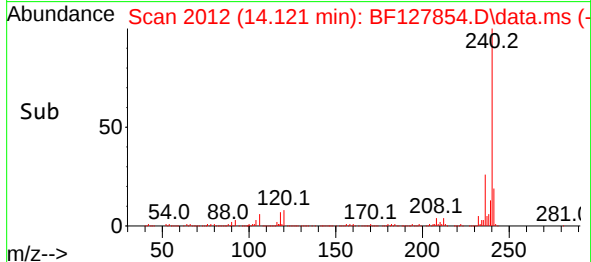
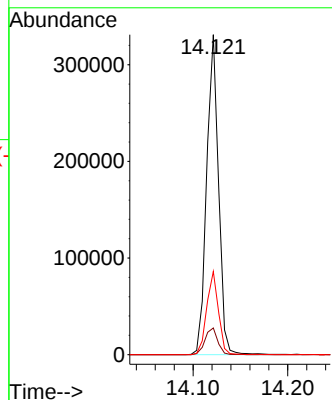
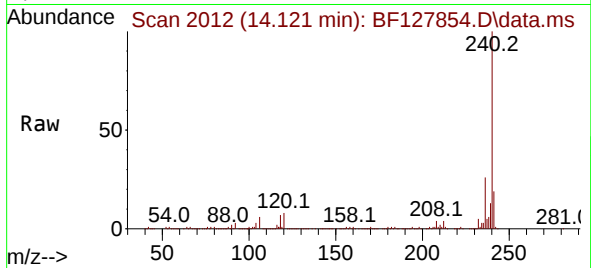




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127854.D
Acq: 19 Apr 2022 21:35

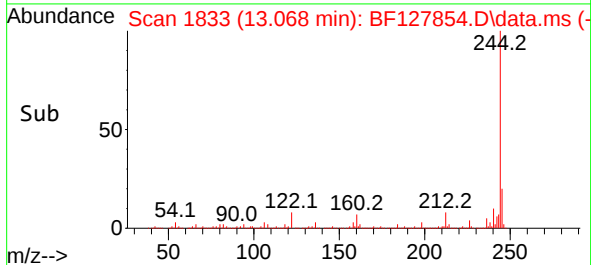
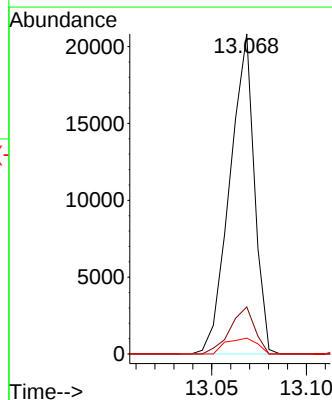
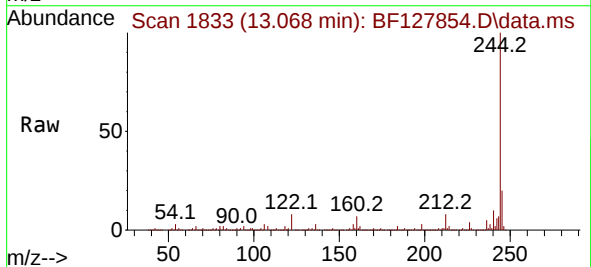
Instrument :
BNA_F
ClientSampleId :
WC-15-1-3

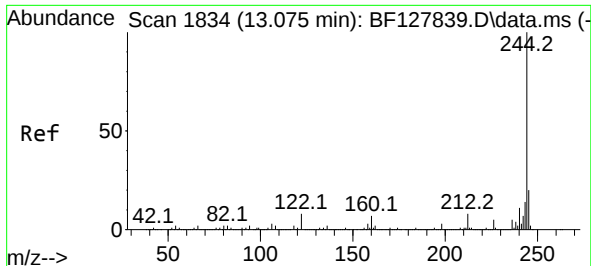
Tgt Ion:240 Resp: 288555
Ion Ratio Lower Upper
240 100
120 8.3 7.1 10.7
236 26.0 20.7 31.1



#77
Benzidine
Concen: 2.519 ng
RT: 13.068 min Scan# 1833
Delta R.T. 0.247 min
Lab File: BF127854.D
Acq: 19 Apr 2022 21:35

Tgt Ion:184 Resp: 18753
Ion Ratio Lower Upper
184 100
185 14.7 12.2 18.2
183 5.0 9.4 14.0#

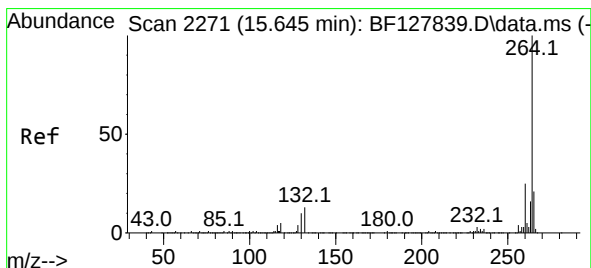
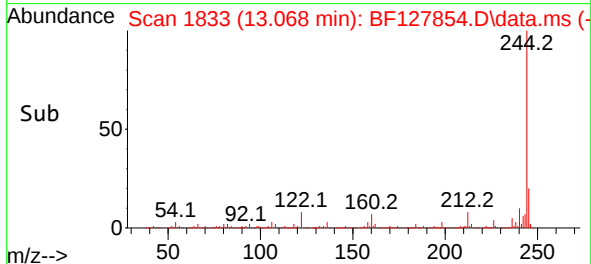
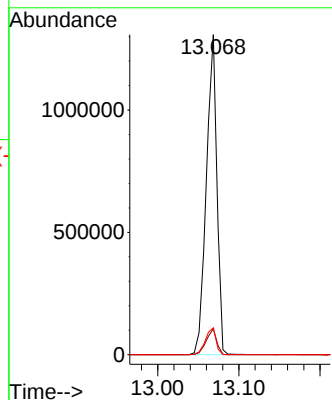
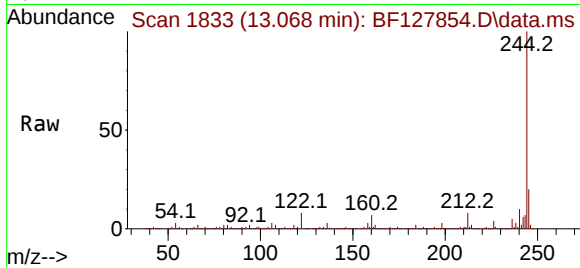




#79
 Terphenyl-d14
 Concen: 64.058 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: BF127854.D
 Acq: 19 Apr 2022 21:35

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-3

Tgt Ion:244 Resp: 1177612
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 8.4 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2269
 Delta R.T. -0.012 min
 Lab File: BF127854.D
 Acq: 19 Apr 2022 21:35

Tgt Ion:264 Resp: 262910
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.1 28.7
 265 21.5 17.4 26.2

