

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127852.D
 Acq On : 19 Apr 2022 20:37
 Operator : CG\JU
 Sample : N2452-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-4

Quant Time: Apr 20 03:54:55 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)

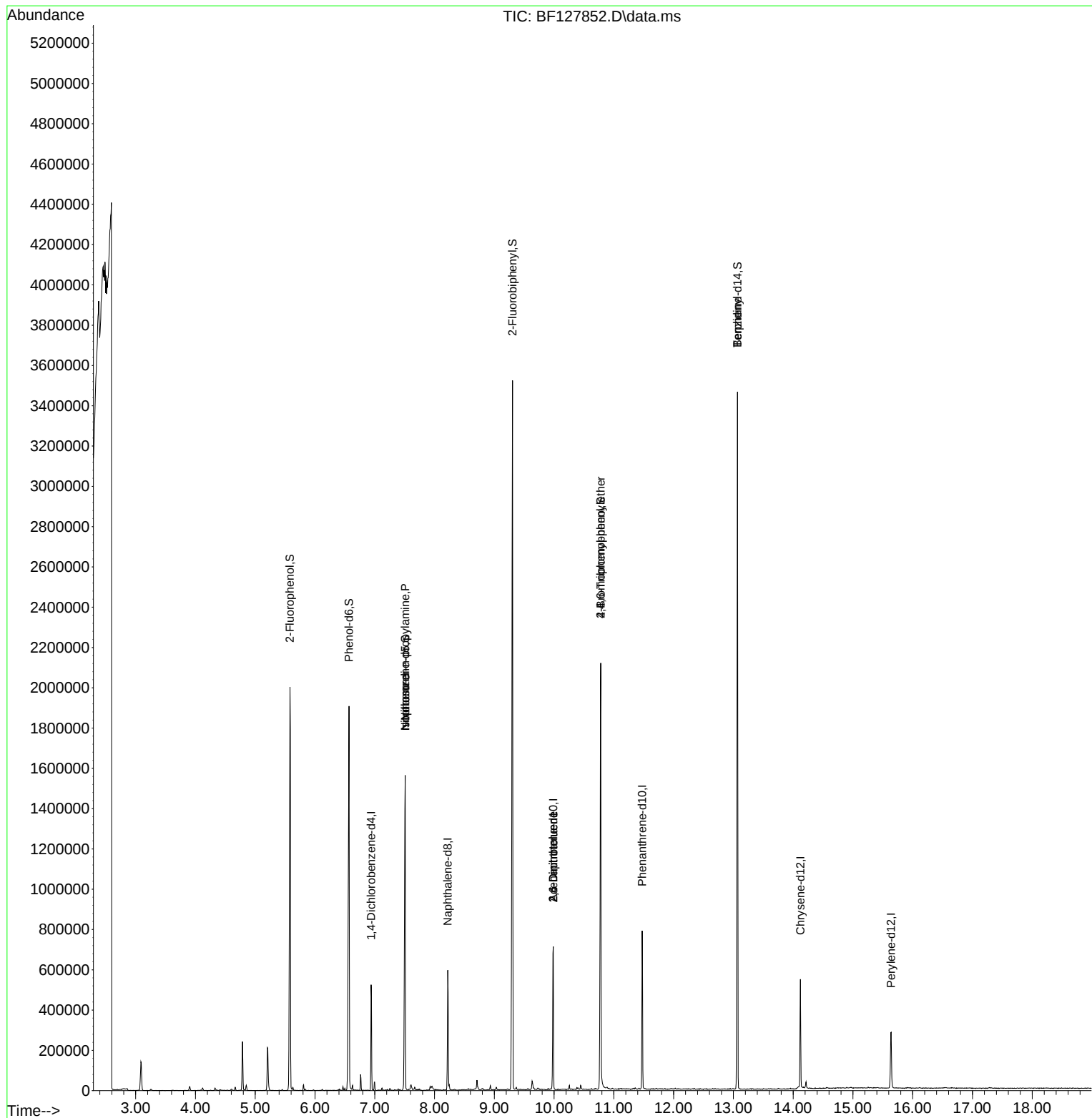
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	69942	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	250524	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	149564	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	271318	20.000	ng	0.00
76) Chrysene-d12	14.121	240	177687	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	142208	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	542772	121.575	ng	0.01
7) Phenol-d6	6.569	99	616774	110.628	ng	0.00
23) Nitrobenzene-d5	7.510	82	576285	106.682	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	262999	144.350	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1078027	94.145	ng	0.00
79) Terphenyl-d14	13.069	244	1155859	102.105	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	84051	21.964	ng	# 77
25) Isophorone	7.510	82	574920	63.255	ng	# 70
51) 2,6-Dinitrotoluene	9.986	165	18636	8.343	ng	# 17
57) 2,4-Dinitrotoluene	9.986	165	18636	6.663	ng	# 14
67) 4-Bromophenyl-phenylether	10.780	248	17554	4.774	ng	# 1
77) Benzidine	13.069	184	19114	4.169	ng	# 93

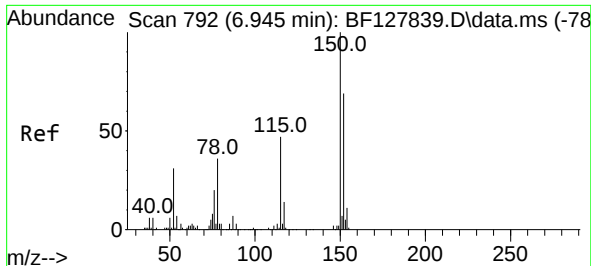
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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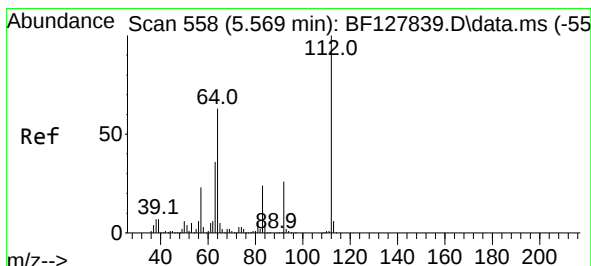
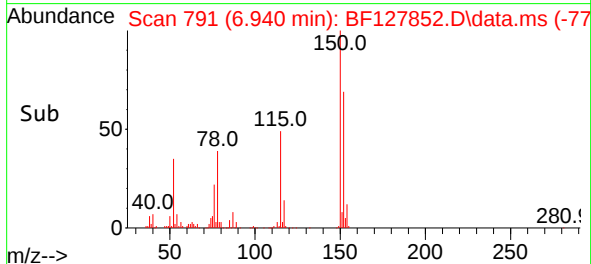
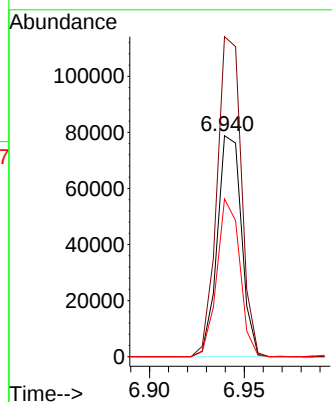
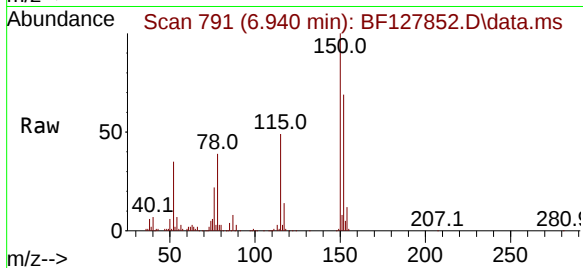




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 792
Delta R.T. -0.005 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

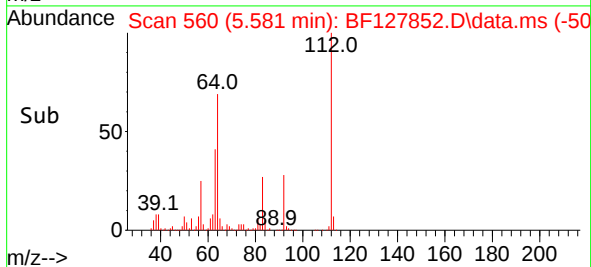
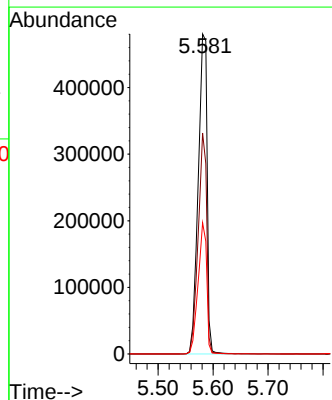
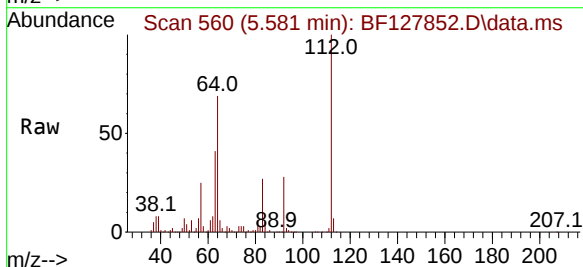
Instrument :
BNA_F
ClientSampleId :
WC-15-1-4

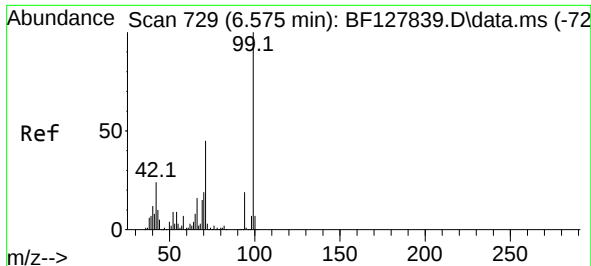
Tgt Ion:152 Resp: 69942
Ion Ratio Lower Upper
152 100
150 144.8 117.2 175.8
115 71.4 49.8 74.6



#5
2-Fluorophenol
Concen: 121.575 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

Tgt Ion:112 Resp: 542772
Ion Ratio Lower Upper
112 100
64 69.1 58.4 87.6
63 41.0 30.1 45.1





#7
Phenol-d6
Concen: 110.628 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

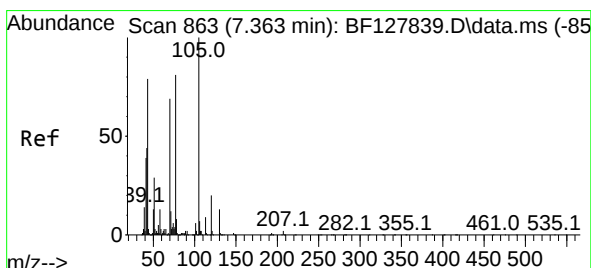
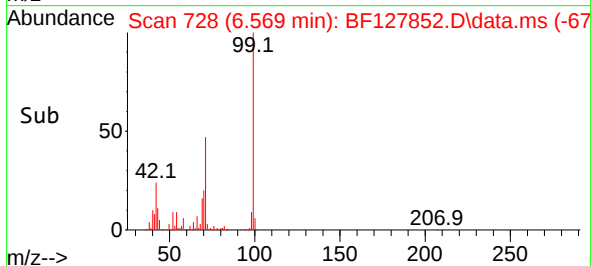
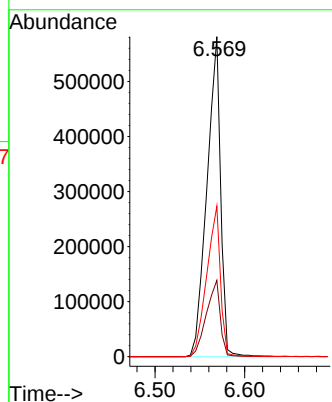
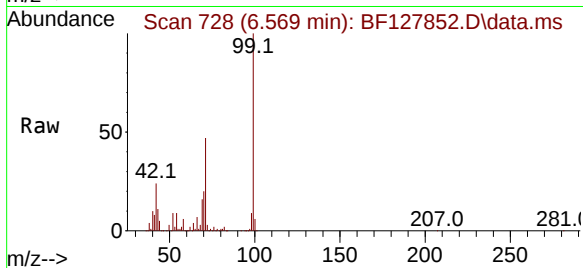
Instrument :

BNA_F

ClientSampleId :

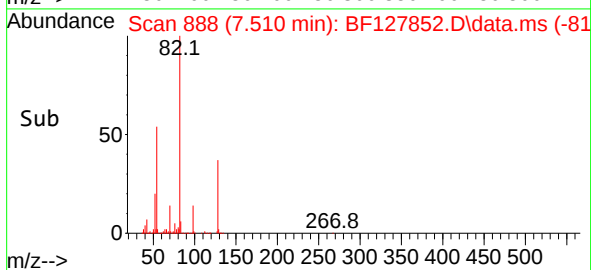
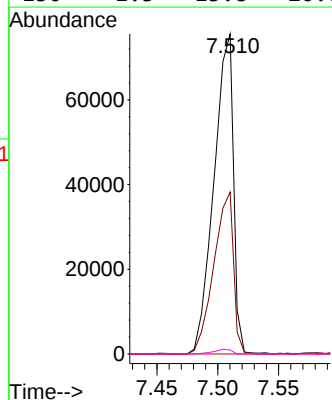
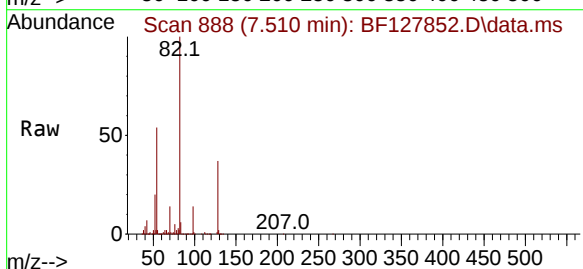
WC-15-1-4

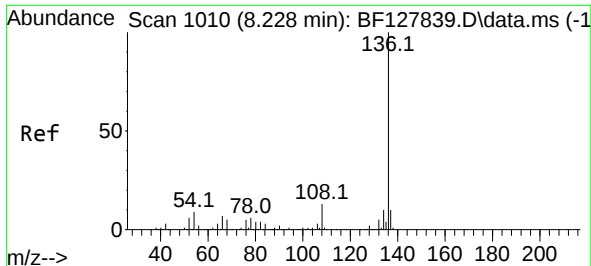
Tgt Ion: 99 Resp: 616774
Ion Ratio Lower Upper
99 100
42 23.9 17.8 26.6
71 47.0 29.6 44.4#



#19
n-Nitroso-di-n-propylamine
Concen: 21.964 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

Tgt Ion: 70 Resp: 84051
Ion Ratio Lower Upper
70 100
42 50.5 53.0 79.6#
101 0.0 6.8 10.2#
130 1.3 13.8 20.6#

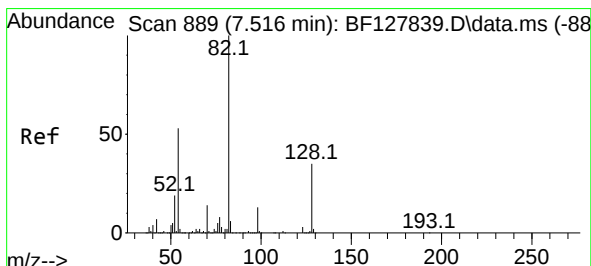
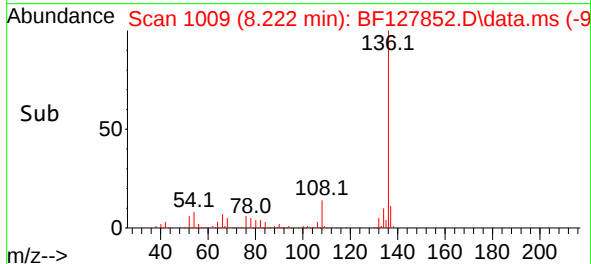
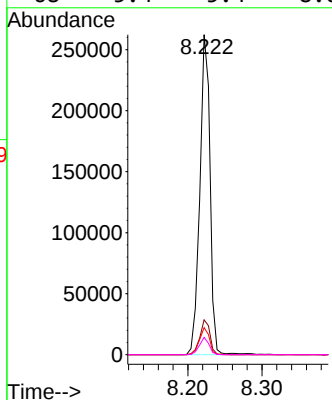
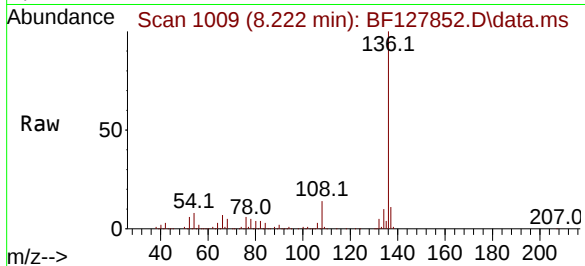




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

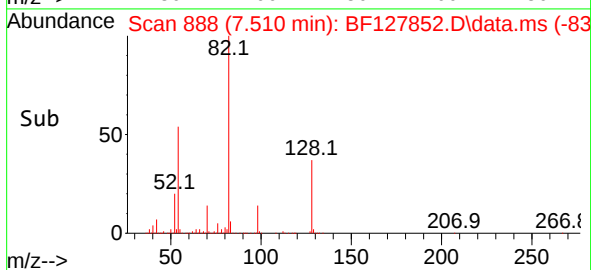
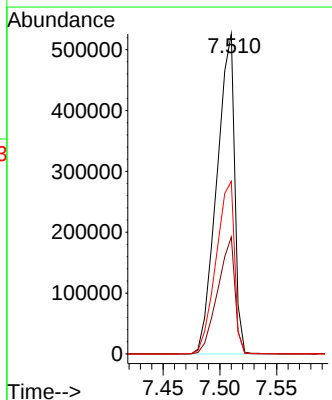
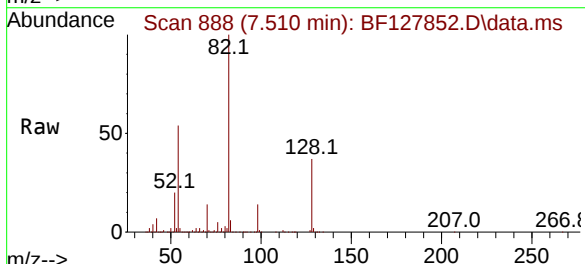
Instrument :
BNA_F
ClientSampleId :
WC-15-1-4

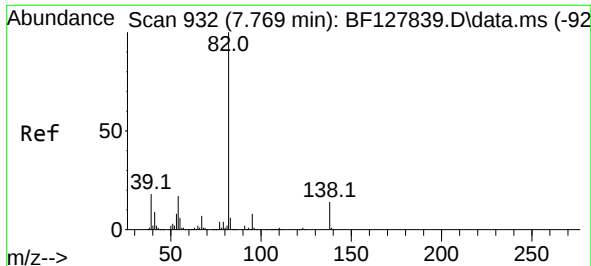
Tgt	Ion:136	Resp:	250524
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.4	9.2	13.8#
68	5.4	5.4	8.0



#23
Nitrobenzene-d5
Concen: 106.682 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

Tgt Ion: 82	Resp: 576285
Ion Ratio	Lower Upper
82 100	
128 36.5	30.6 45.8
54 54.0	48.2 72.2

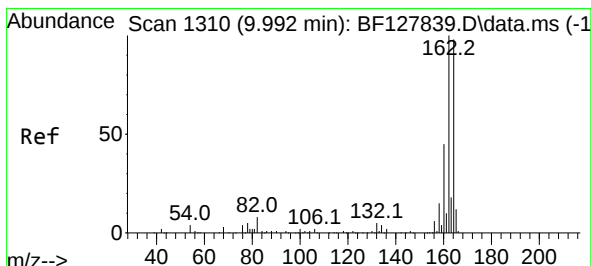
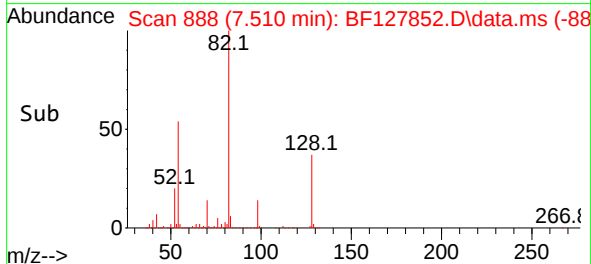
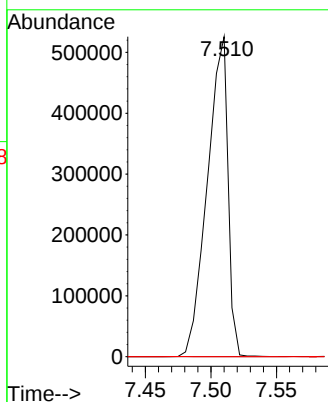
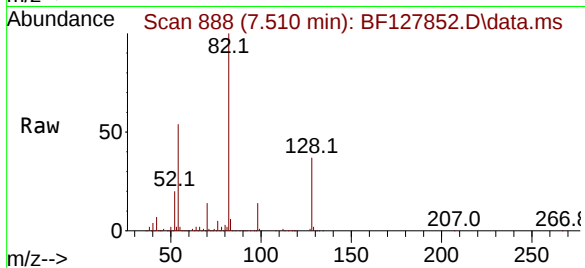




#25
Isophorone
Concen: 63.255 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

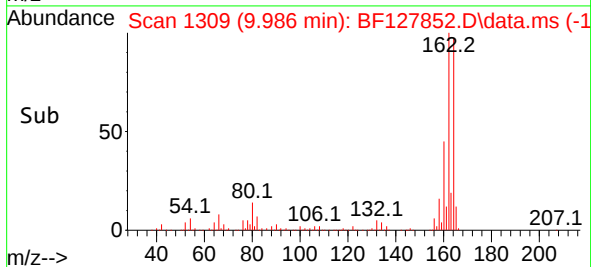
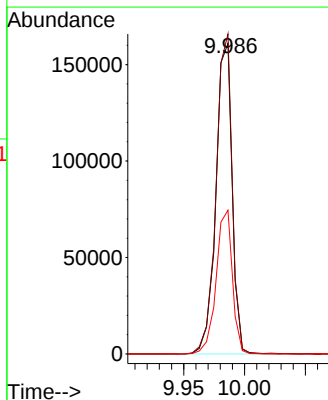
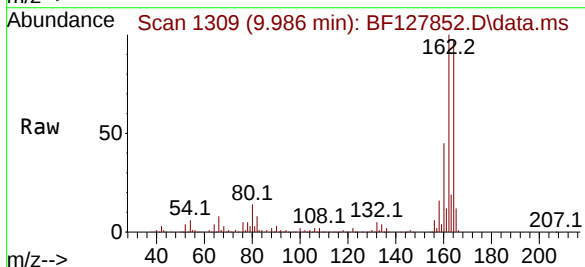
Instrument :
BNA_F
ClientSampleId :
WC-15-1-4

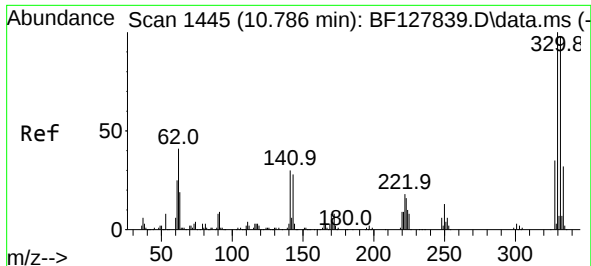
Tgt Ion: 82 Resp: 574920
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

Tgt Ion: 164 Resp: 149564
Ion Ratio Lower Upper
164 100
162 103.0 81.2 121.8
160 46.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 144.350 ng

RT: 10.780 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF127852.D

Acq: 19 Apr 2022 20:37

Instrument :

BNA_F

ClientSampleId :

WC-15-1-4

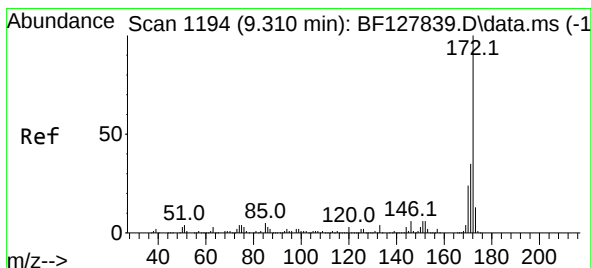
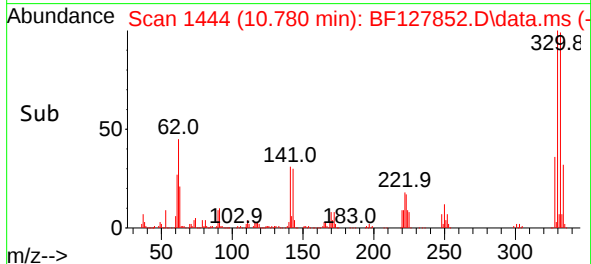
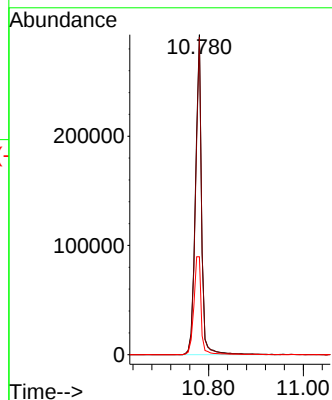
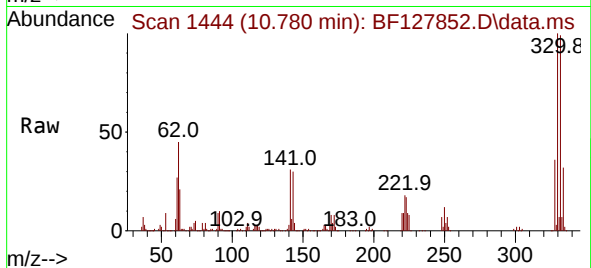
Tgt Ion:330 Resp: 262999

Ion Ratio Lower Upper

330 100

332 97.1 79.1 118.7

141 36.6 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 94.145 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF127852.D

Acq: 19 Apr 2022 20:37

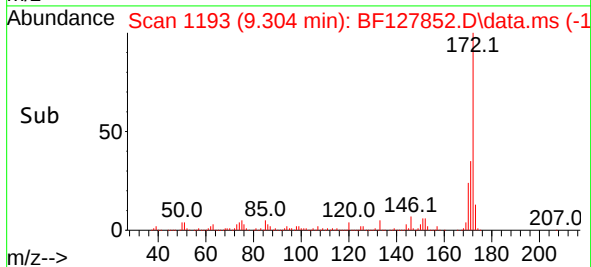
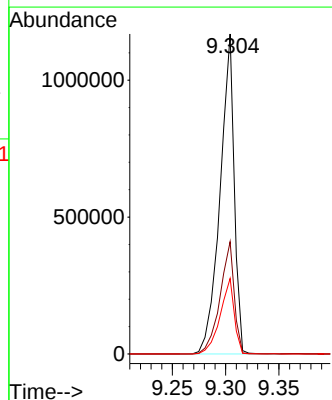
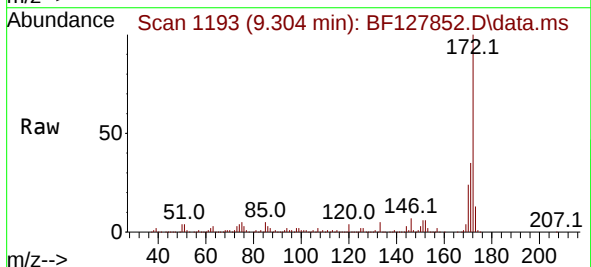
Tgt Ion:172 Resp: 1078027

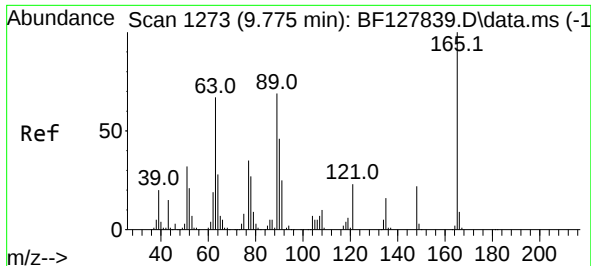
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.6 18.6 27.8

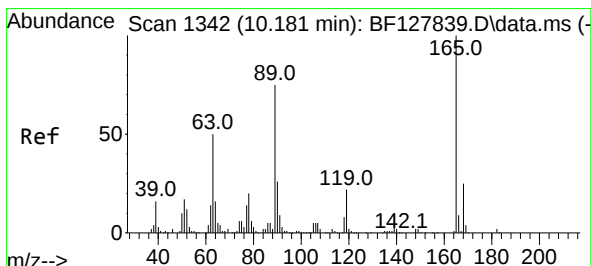
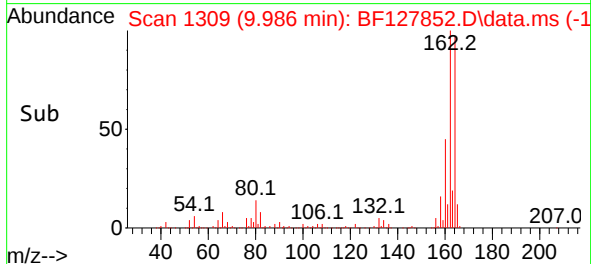
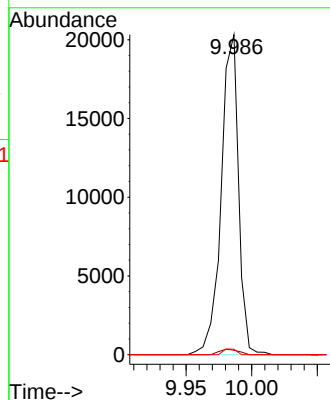
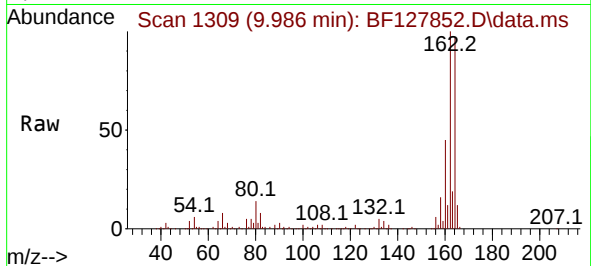




#51
2,6-Dinitrotoluene
Concen: 8.343 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

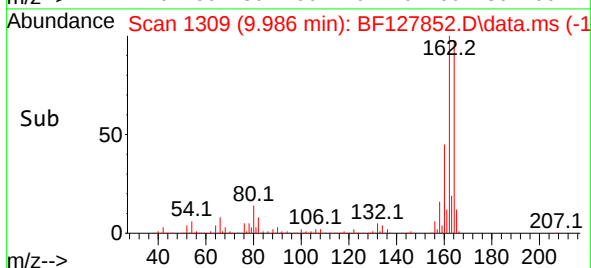
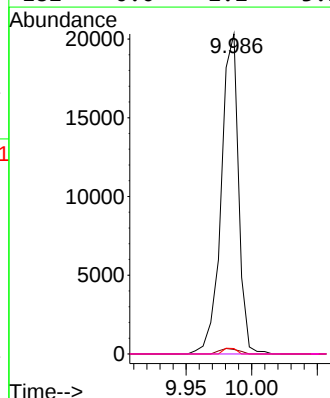
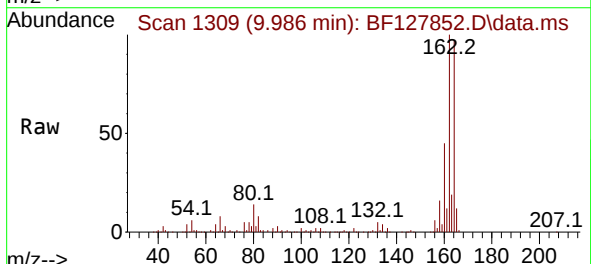
Instrument :
BNA_F
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WC-15-1-4

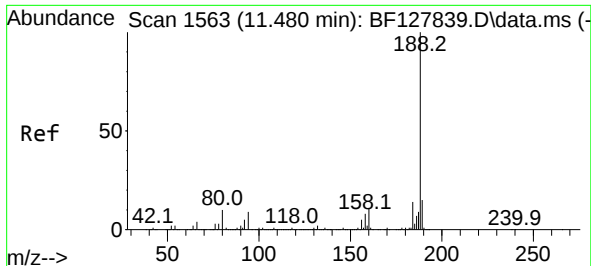
Tgt Ion:165 Resp: 18636
Ion Ratio Lower Upper
165 100
63 1.4 58.3 87.5#
89 1.7 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 6.663 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.194 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

Tgt Ion:165 Resp: 18636
Ion Ratio Lower Upper
165 100
63 1.4 53.1 79.7#
89 1.7 69.2 103.8#
182 0.0 2.2 3.2#

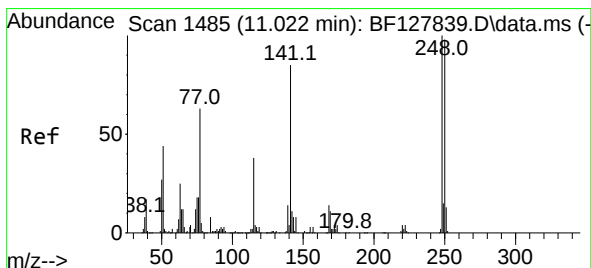
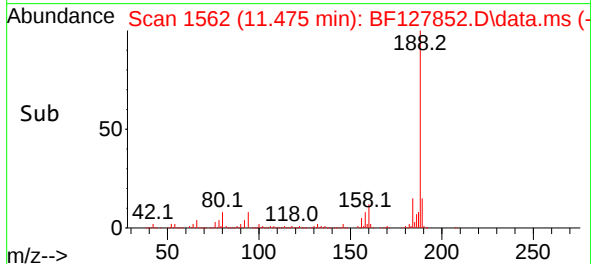
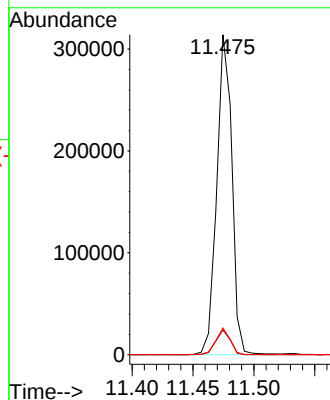
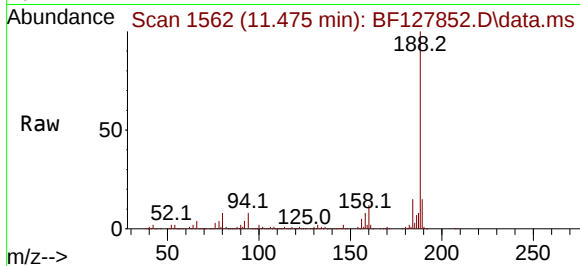




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

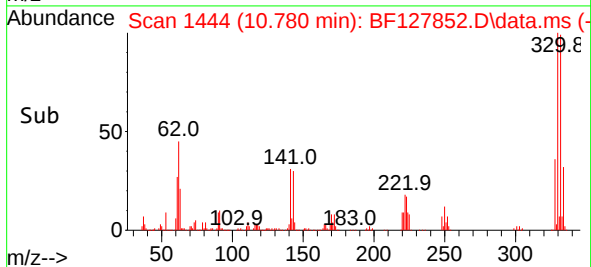
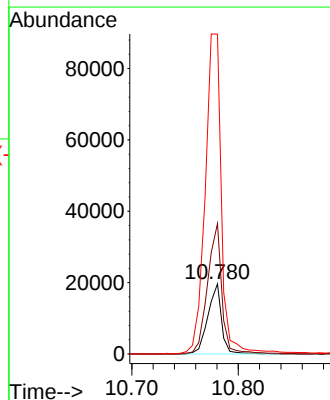
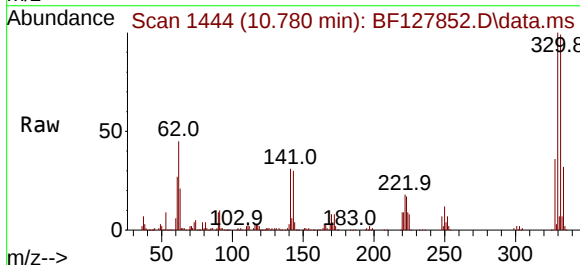
Instrument :
BNA_F
ClientSampleId :
WC-15-1-4

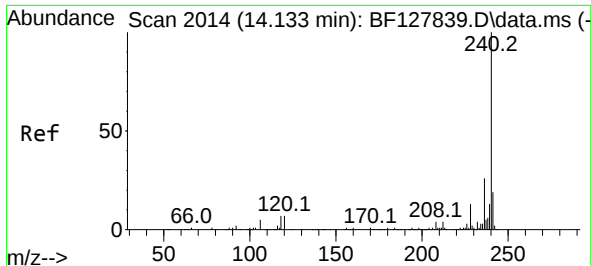
Tgt Ion:188 Resp: 271318
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.0
80 8.4 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.774 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.241 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

Tgt Ion:248 Resp: 17554
Ion Ratio Lower Upper
248 100
250 186.2 76.6 115.0#
141 456.6 52.2 78.2#

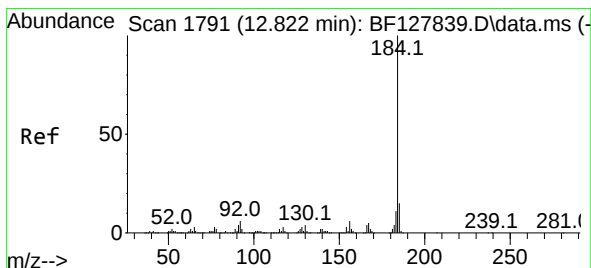
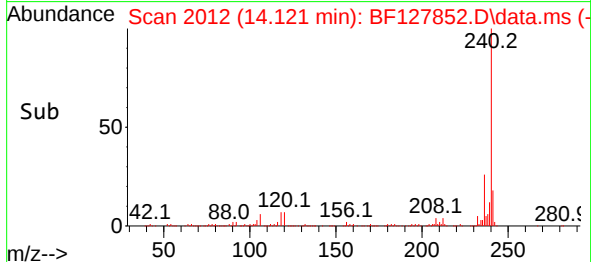
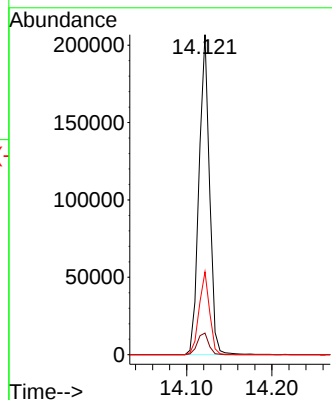
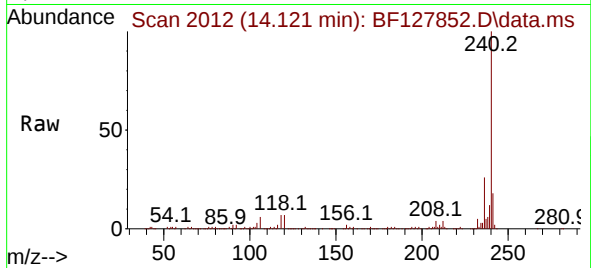




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

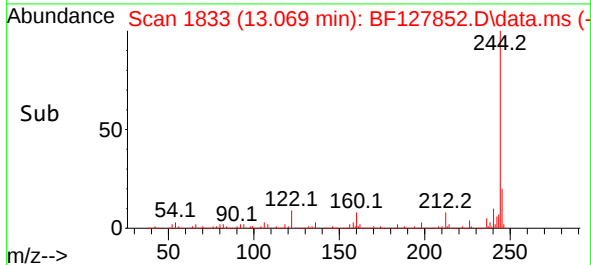
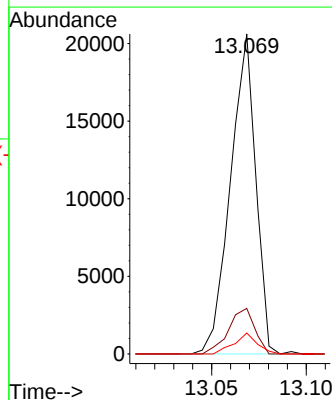
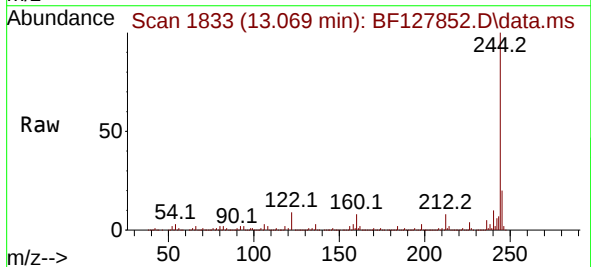
Instrument :
BNA_F
ClientSampleId :
WC-15-1-4

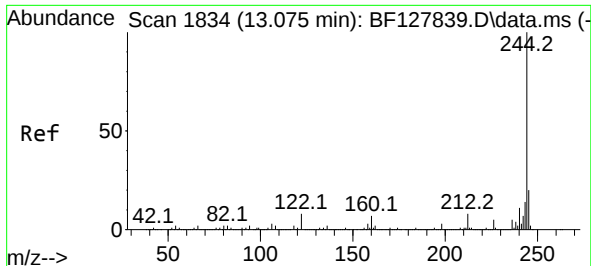
Tgt Ion:240 Resp: 177687
Ion Ratio Lower Upper
240 100
120 6.7 7.1 10.7#
236 25.9 20.7 31.1



#77
Benzidine
Concen: 4.169 ng
RT: 13.069 min Scan# 1833
Delta R.T. 0.247 min
Lab File: BF127852.D
Acq: 19 Apr 2022 20:37

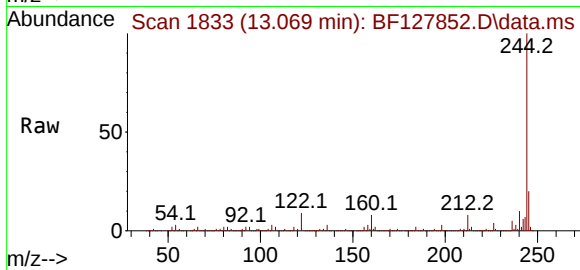
Tgt Ion:184 Resp: 19114
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 6.6 9.4 14.0#



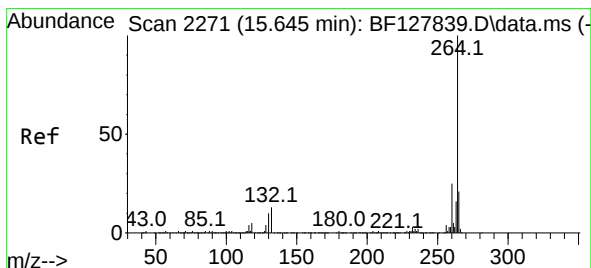
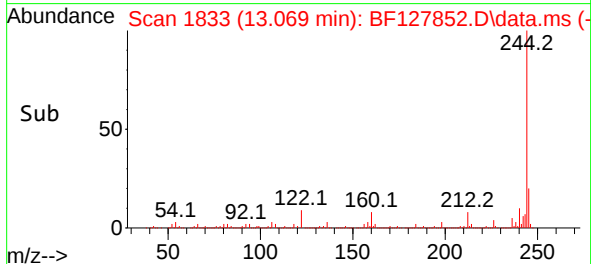
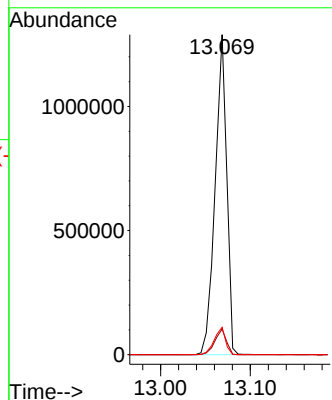


#79
 Terphenyl-d14
 Concen: 102.105 ng
 RT: 13.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127852.D
 Acq: 19 Apr 2022 20:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-4



Tgt Ion:244 Resp: 1155859
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 8.6 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF127852.D
 Acq: 19 Apr 2022 20:37

Tgt Ion:264 Resp: 142208
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 22.2 17.4 26.2

