

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127847.D
 Acq On : 19 Apr 2022 18:13
 Operator : CG\JU
 Sample : PB144163TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144163TB

Quant Time: Apr 20 03:54:09 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)

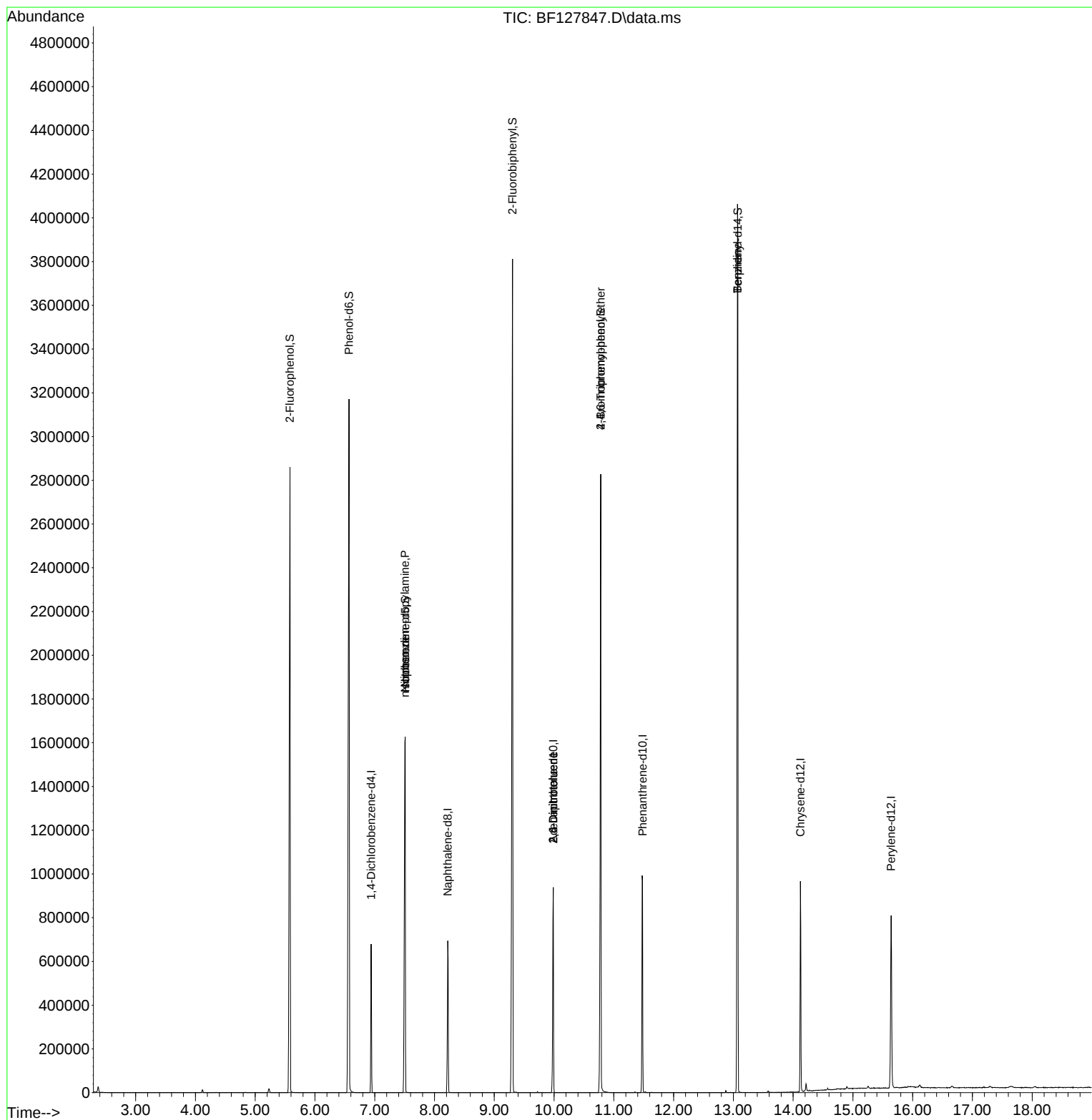
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	88043	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	323292	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	197947	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	375194	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	334039	20.000	ng	-0.01
86) Perylene-d12	15.639	264	381550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	748046	133.106	ng	0.01
7) Phenol-d6	6.569	99	1194217	170.163	ng	0.00
23) Nitrobenzene-d5	7.510	82	684385	98.177	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	338362	140.321	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1275289	84.150	ng	0.00
79) Terphenyl-d14	13.074	244	1613065	75.797	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	98525	20.453	ng	# 78
25) Isophorone	7.510	82	682583	58.196	ng	# 70
51) 2,6-Dinitrotoluene	9.986	165	25023	8.464	ng	# 17
57) 2,4-Dinitrotoluene	9.986	165	25023	6.760	ng	# 14
67) 4-Bromophenyl-phenylether	10.781	248	22186	4.363	ng	# 1
77) Benzidine	13.069	184	25591	2.969	ng	# 92

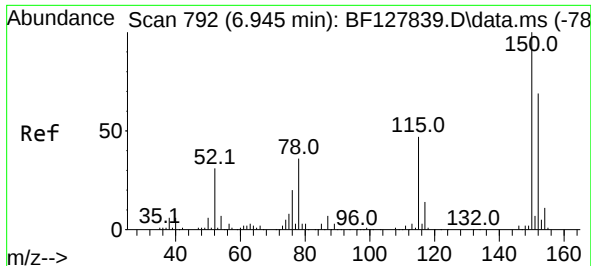
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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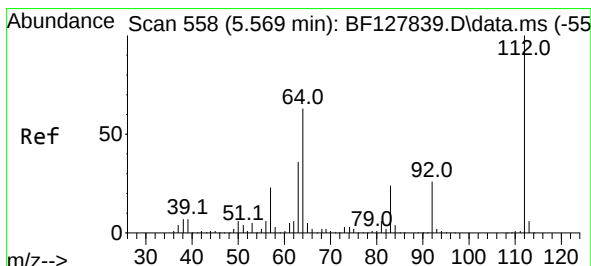
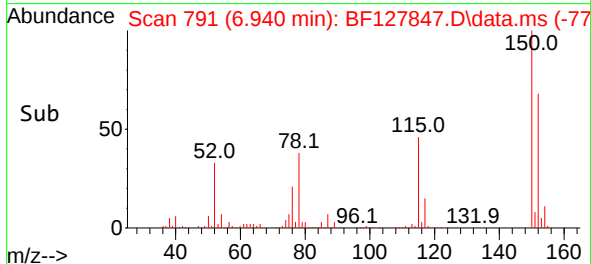
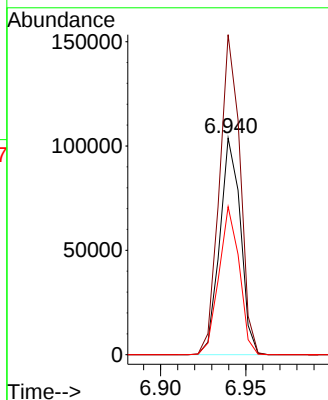
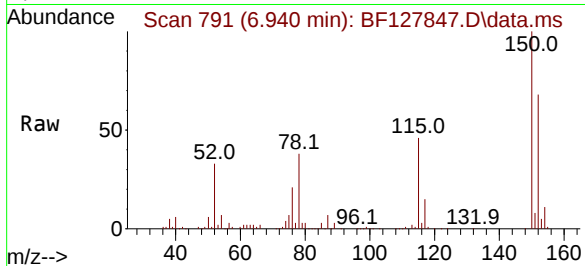




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 792
Delta R.T. -0.005 min
Lab File: BF127847.D
Acq: 19 Apr 2022 18:13

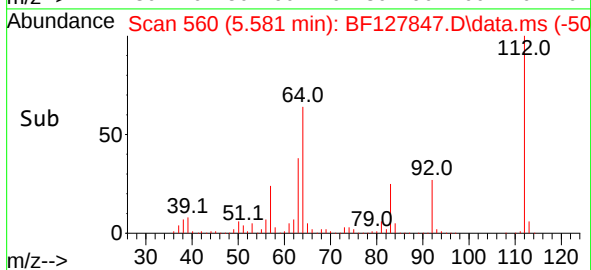
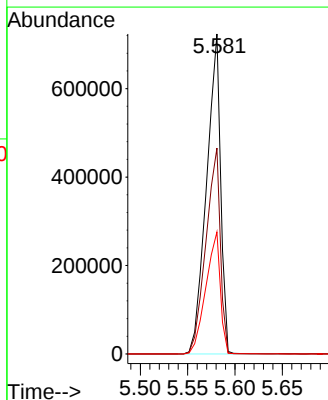
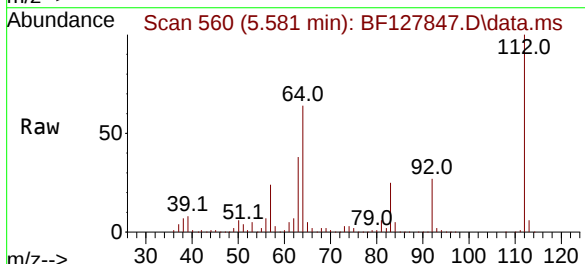
Instrument :
BNA_F
ClientSampleId :
PB144163TB

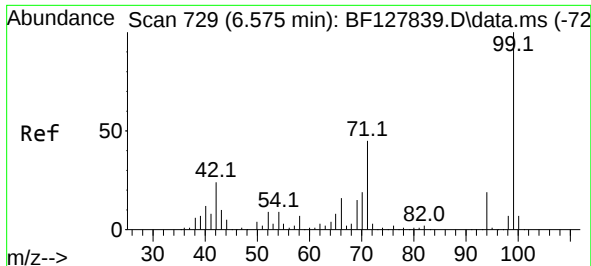
Tgt Ion:152 Resp: 88043
Ion Ratio Lower Upper
152 100
150 147.7 117.2 175.8
115 68.3 49.8 74.6



#5
2-Fluorophenol
Concen: 133.106 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF127847.D
Acq: 19 Apr 2022 18:13

Tgt Ion:112 Resp: 748046
Ion Ratio Lower Upper
112 100
64 64.4 58.4 87.6
63 38.1 30.1 45.1

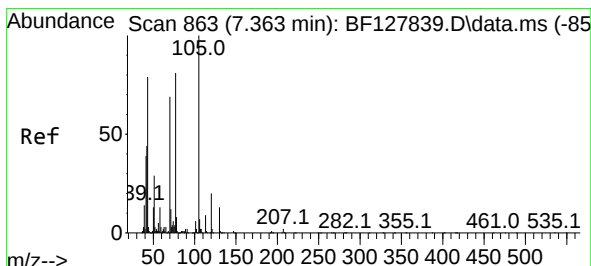
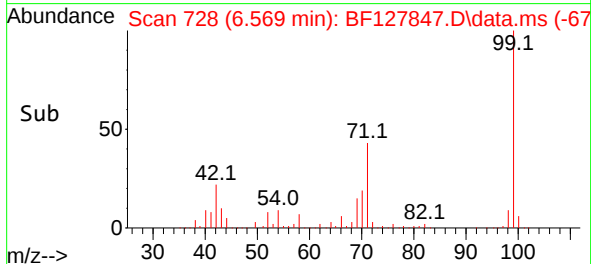
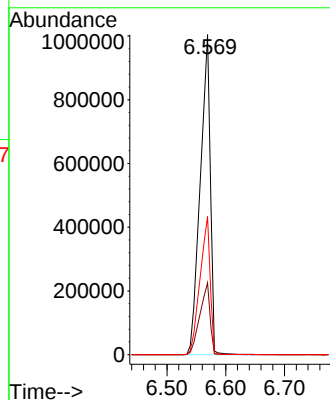
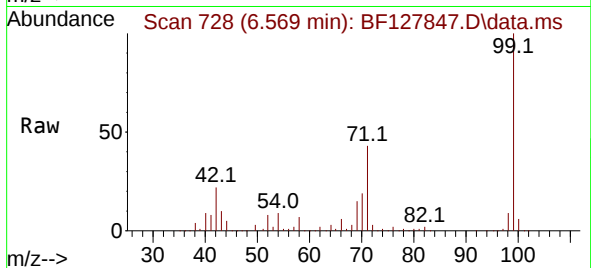




#7
Phenol-d6
Concen: 170.163 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127847.D
Acq: 19 Apr 2022 18:13

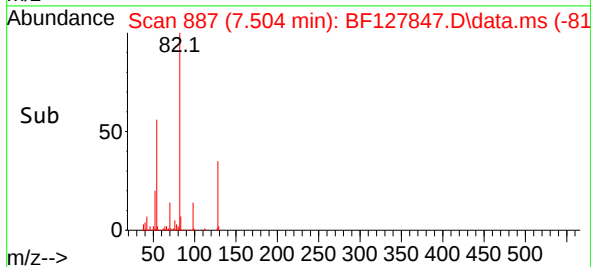
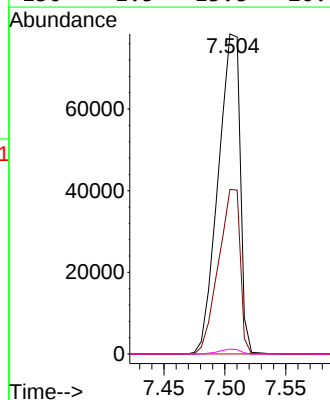
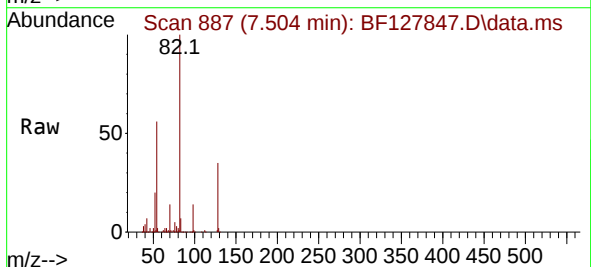
Instrument :
BNA_F
ClientSampleId :
PB144163TB

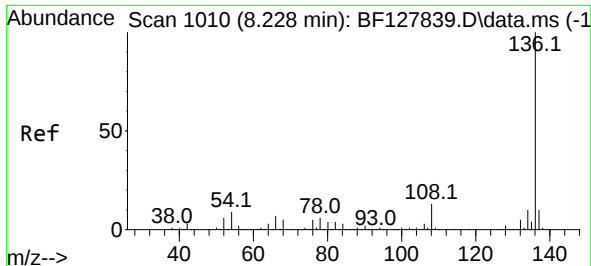
Tgt Ion: 99 Resp: 1194217
Ion Ratio Lower Upper
99 100
42 22.4 17.8 26.6
71 43.2 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.453 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF127847.D
Acq: 19 Apr 2022 18:13

Tgt Ion: 70 Resp: 98525
Ion Ratio Lower Upper
70 100
42 51.5 53.0 79.6#
101 0.0 6.8 10.2#
130 1.5 13.8 20.6#

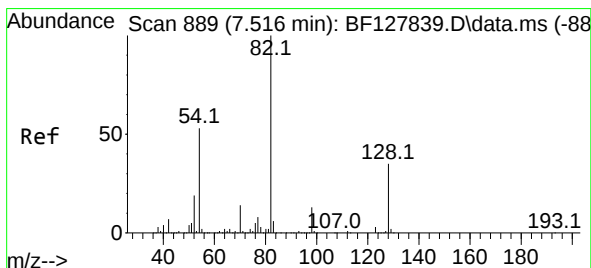
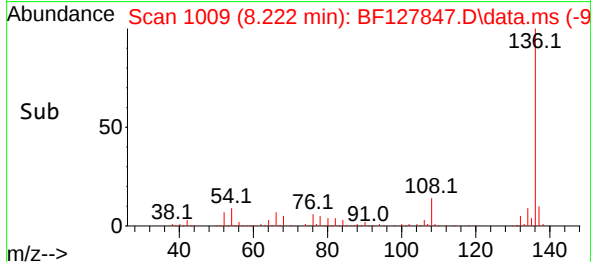
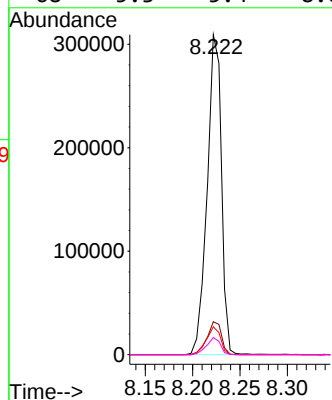
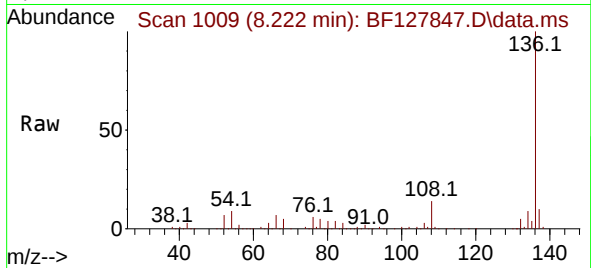




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127847.D
Acq: 19 Apr 2022 18:13

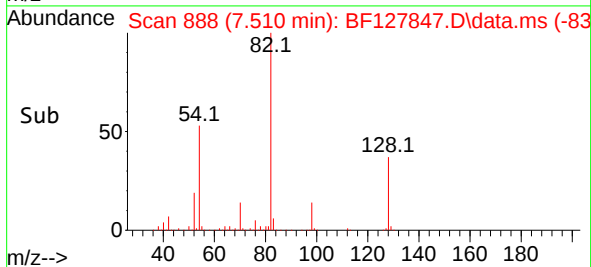
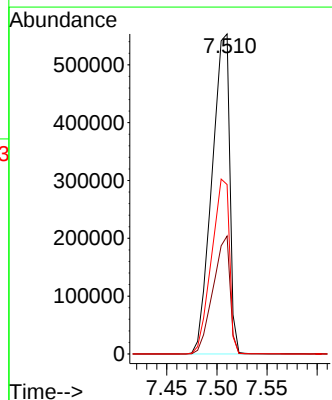
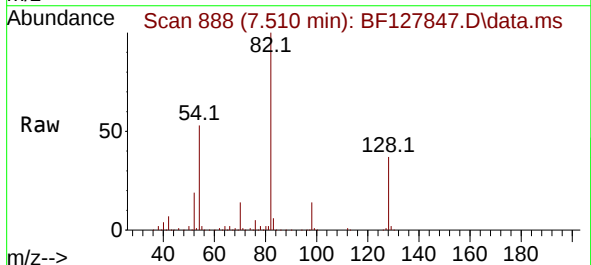
Instrument :
BNA_F
ClientSampleId :
PB144163TB

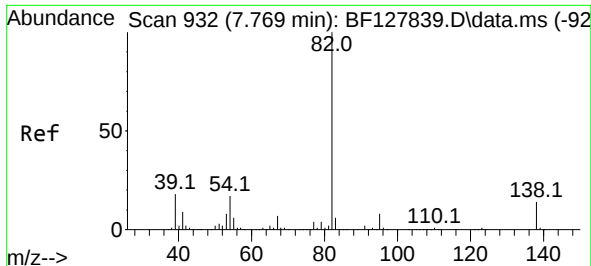
Tgt Ion:136	Resp: 323292
Ion Ratio	Lower Upper
136 100	
137 10.3	8.6 13.0
54 8.7	9.2 13.8#
68 5.3	5.4 8.0#



#23
Nitrobenzene-d5
Concen: 98.177 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF127847.D
Acq: 19 Apr 2022 18:13

Tgt Ion: 82	Resp: 684385
Ion Ratio	Lower Upper
82 100	
128 36.8	30.6 45.8
54 53.0	48.2 72.2

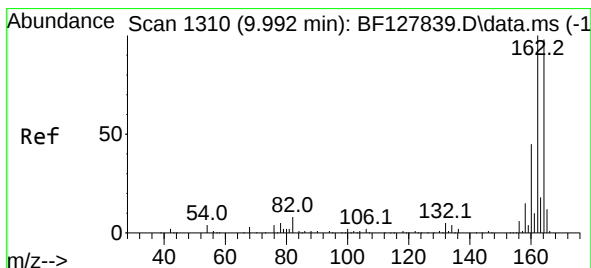
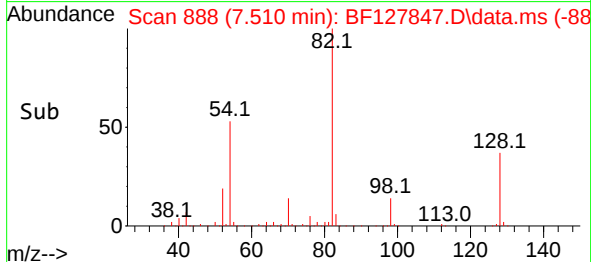
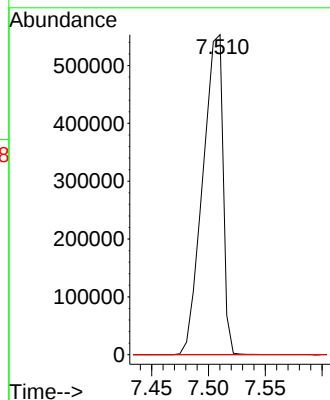
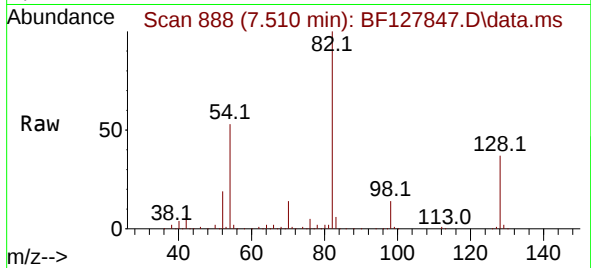




#25
Isophorone
Concen: 58.196 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127847.D
Acq: 19 Apr 2022 18:13

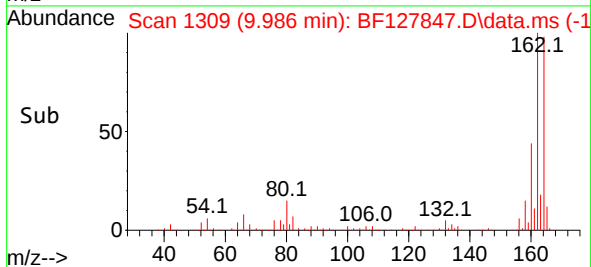
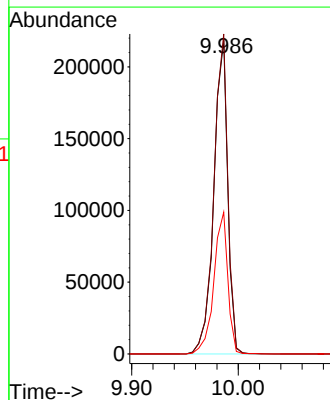
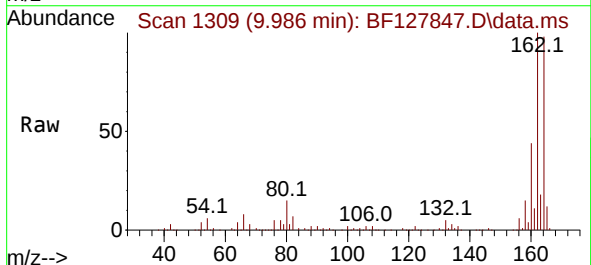
Instrument :
BNA_F
ClientSampleId :
PB144163TB

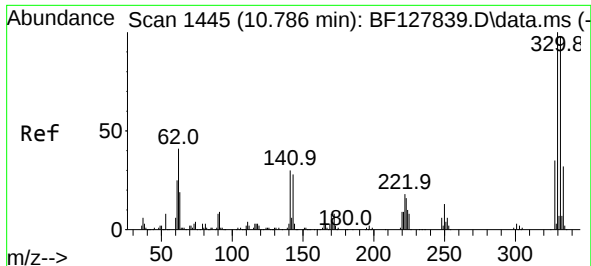
Tgt Ion: 82 Resp: 682583
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF127847.D
Acq: 19 Apr 2022 18:13

Tgt Ion:164 Resp: 197947
Ion Ratio Lower Upper
164 100
162 102.0 81.2 121.8
160 45.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 140.321 ng

RT: 10.781 min Scan# 1444

Delta R.T. -0.005 min

Lab File: BF127847.D

Acq: 19 Apr 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB144163TB

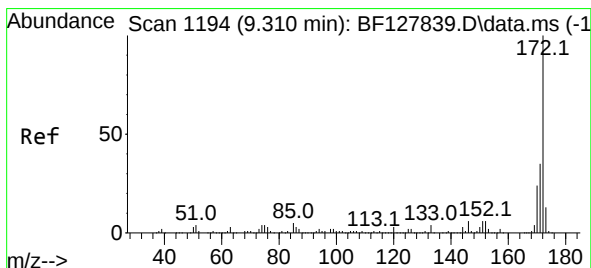
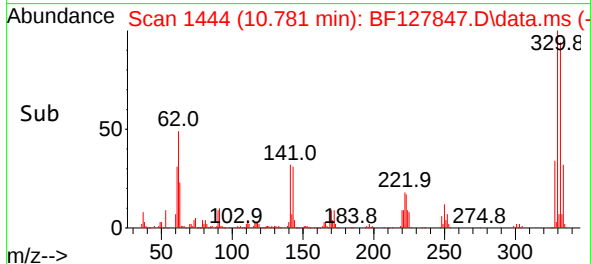
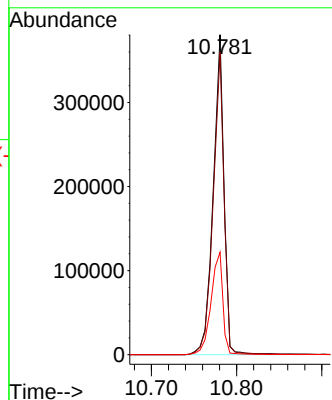
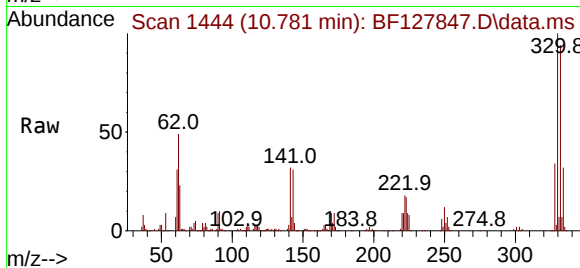
Tgt Ion:330 Resp: 338362

Ion Ratio Lower Upper

330 100

332 95.2 79.1 118.7

141 35.0 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 84.150 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF127847.D

Acq: 19 Apr 2022 18:13

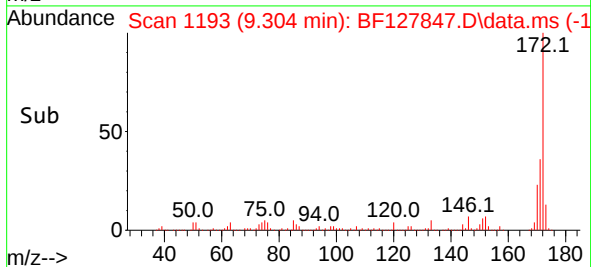
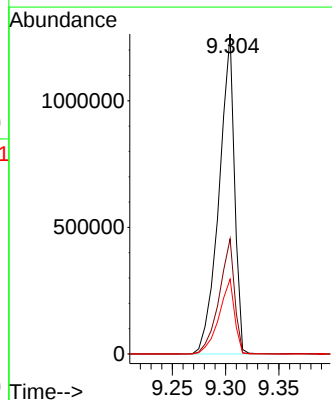
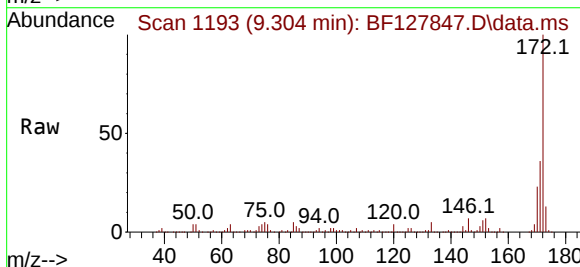
Tgt Ion:172 Resp: 1275289

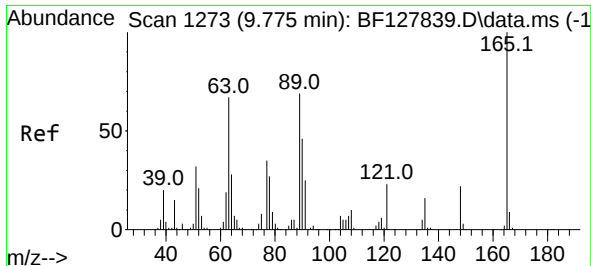
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.4 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.464 ng

RT: 9.986 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF127847.D

Acq: 19 Apr 2022 18:13

Instrument :

BNA_F

ClientSampleId :

PB144163TB

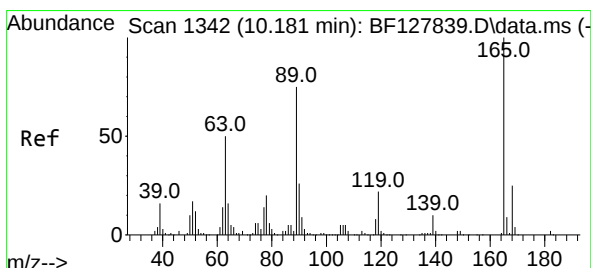
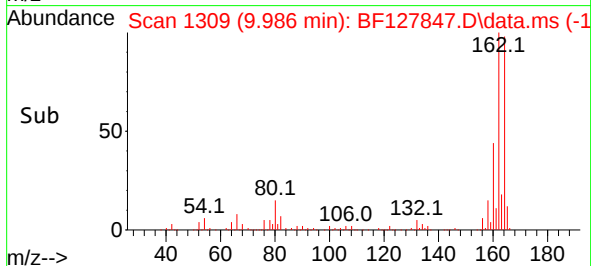
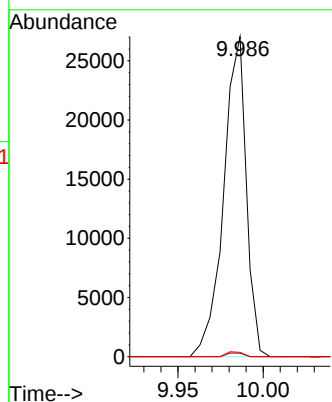
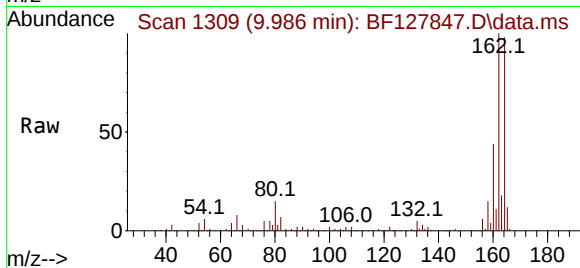
Tgt Ion:165 Resp: 25023

Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.3 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 6.760 ng

RT: 9.986 min Scan# 1309

Delta R.T. -0.194 min

Lab File: BF127847.D

Acq: 19 Apr 2022 18:13

Tgt Ion:165 Resp: 25023

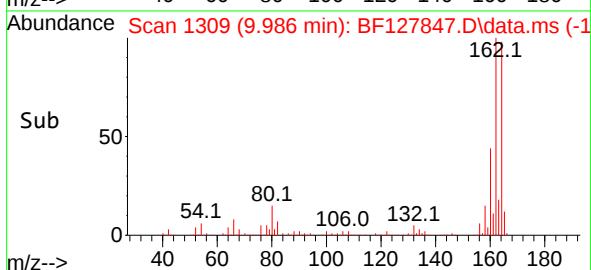
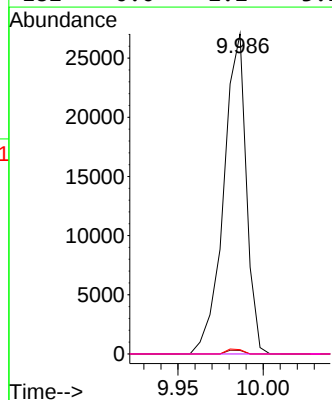
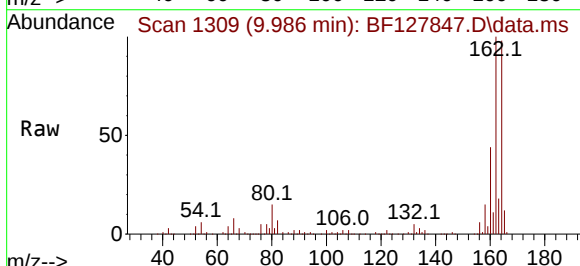
Ion Ratio Lower Upper

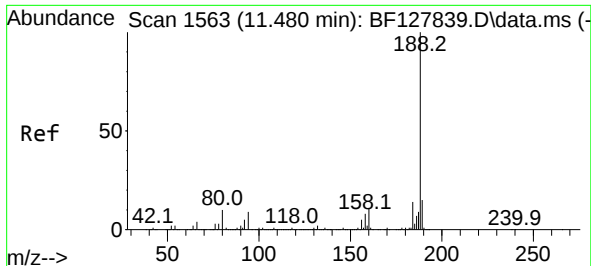
165 100

63 1.1 53.1 79.7#

89 1.3 69.2 103.8#

182 0.0 2.2 3.2#

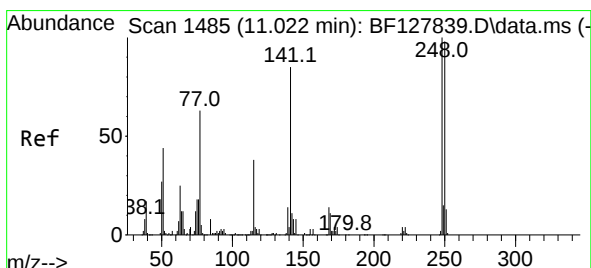
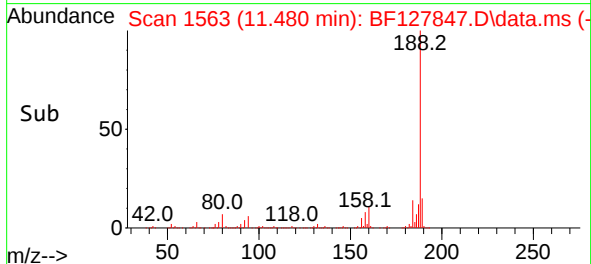
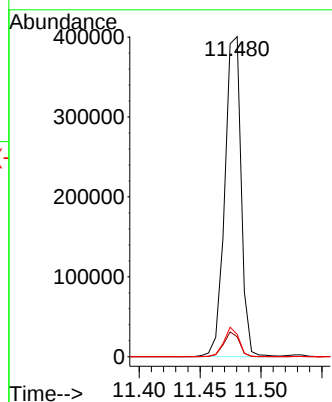
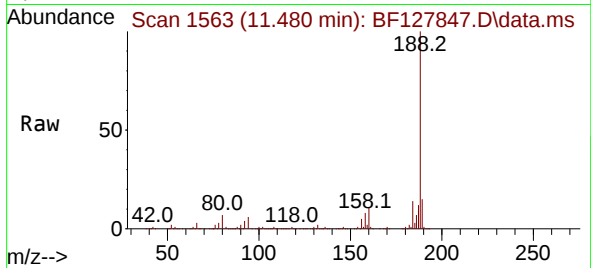




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF127847.D
Acq: 19 Apr 2022 18:13

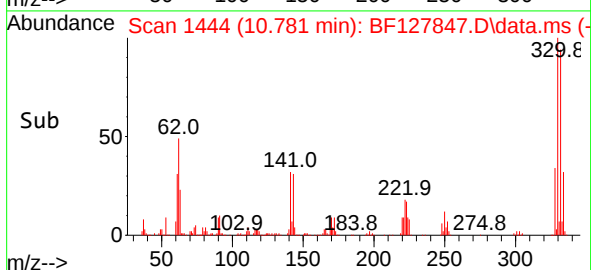
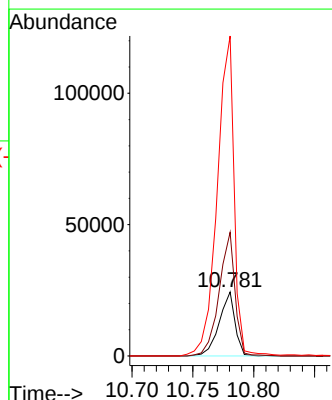
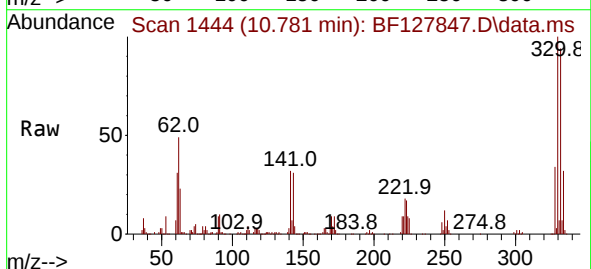
Instrument :
BNA_F
ClientSampleId :
PB144163TB

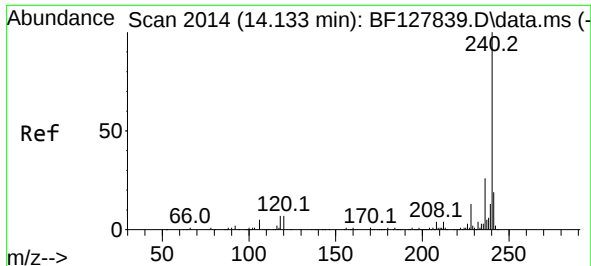
Tgt Ion:188 Resp: 375194
Ion Ratio Lower Upper
188 100
94 6.2 7.4 11.0#
80 7.0 8.0 12.0#



#67
4-Bromophenyl-phenylether
Concen: 4.363 ng
RT: 10.781 min Scan# 1444
Delta R.T. -0.241 min
Lab File: BF127847.D
Acq: 19 Apr 2022 18:13

Tgt Ion:248 Resp: 22186
Ion Ratio Lower Upper
248 100
250 193.2 76.6 115.0#
141 499.8 52.2 78.2#

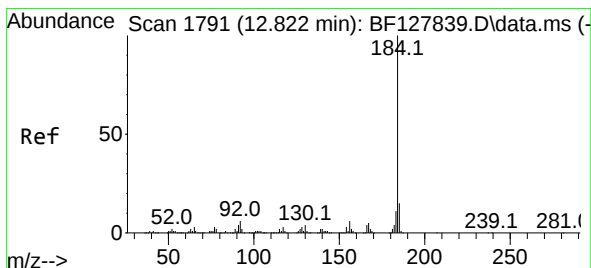
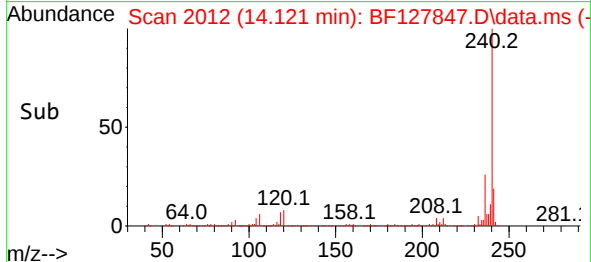
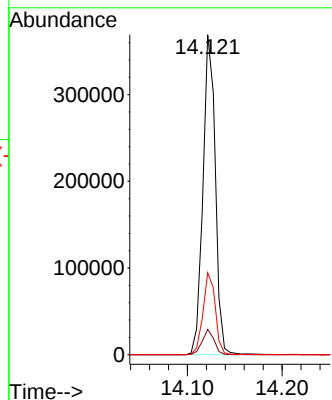
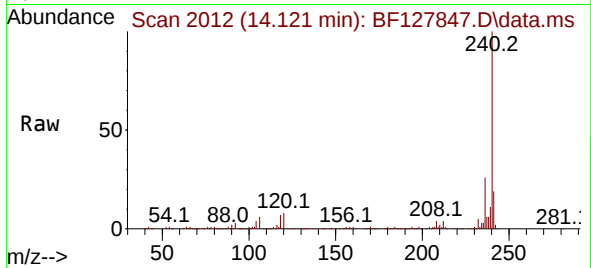




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127847.D
Acq: 19 Apr 2022 18:13

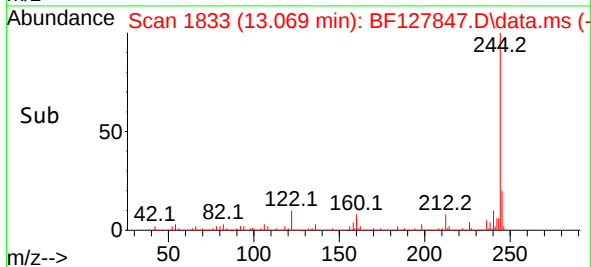
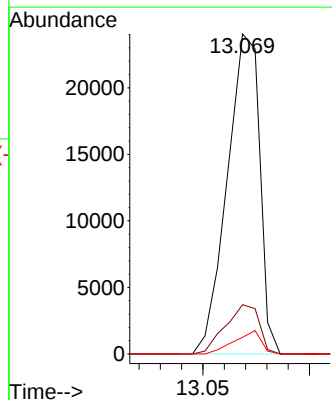
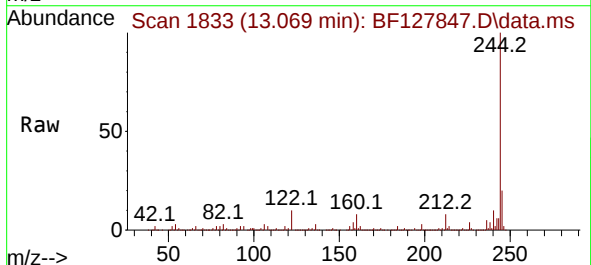
Instrument :
BNA_F
ClientSampleId :
PB144163TB

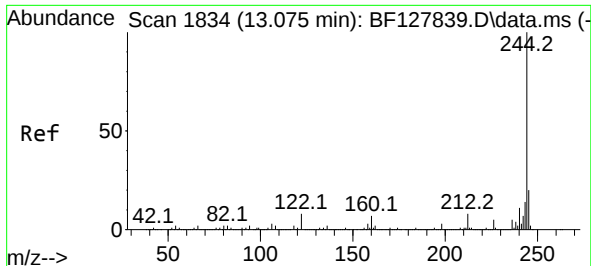
Tgt Ion:240 Resp: 334039
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 25.6 20.7 31.1



#77
Benzidine
Concen: 2.969 ng
RT: 13.069 min Scan# 1833
Delta R.T. 0.247 min
Lab File: BF127847.D
Acq: 19 Apr 2022 18:13

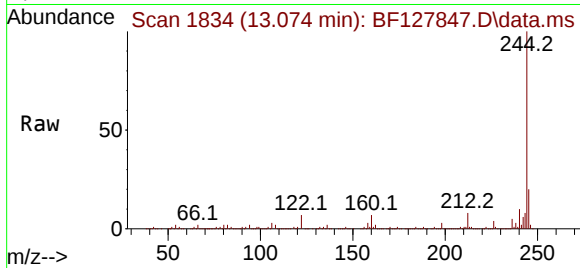
Tgt Ion:184 Resp: 25591
Ion Ratio Lower Upper
184 100
185 15.4 12.2 18.2
183 5.2 9.4 14.0#



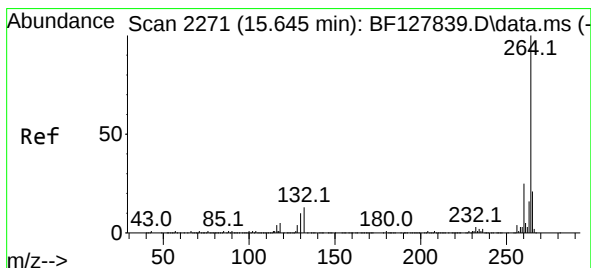
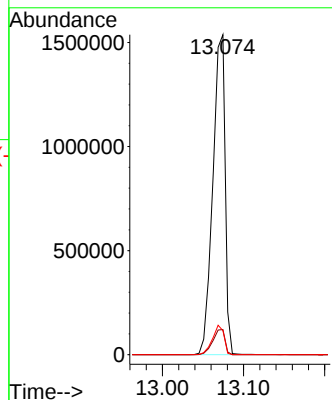
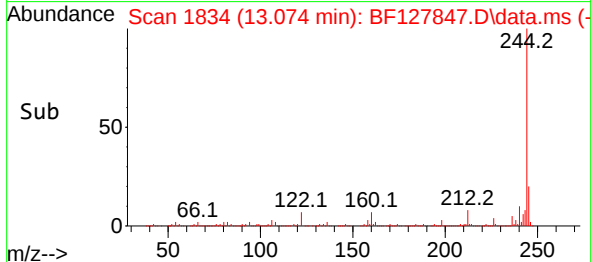


#79
 Terphenyl-d14
 Concen: 75.797 ng
 RT: 13.074 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: BF127847.D
 Acq: 19 Apr 2022 18:13

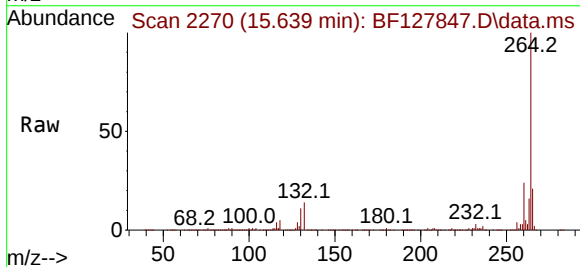
Instrument :
 BNA_F
 ClientSampleId :
 PB144163TB



Tgt Ion:244 Resp: 1613065
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 7.5 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: BF127847.D
 Acq: 19 Apr 2022 18:13



Tgt Ion:264 Resp: 381550
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 20.6 17.4 26.2

