

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127356.D
 Acq On : 16 Mar 2022 19:29
 Operator : CG\JU
 Sample : N1875-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-10B

Quant Time: Mar 17 02:36:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

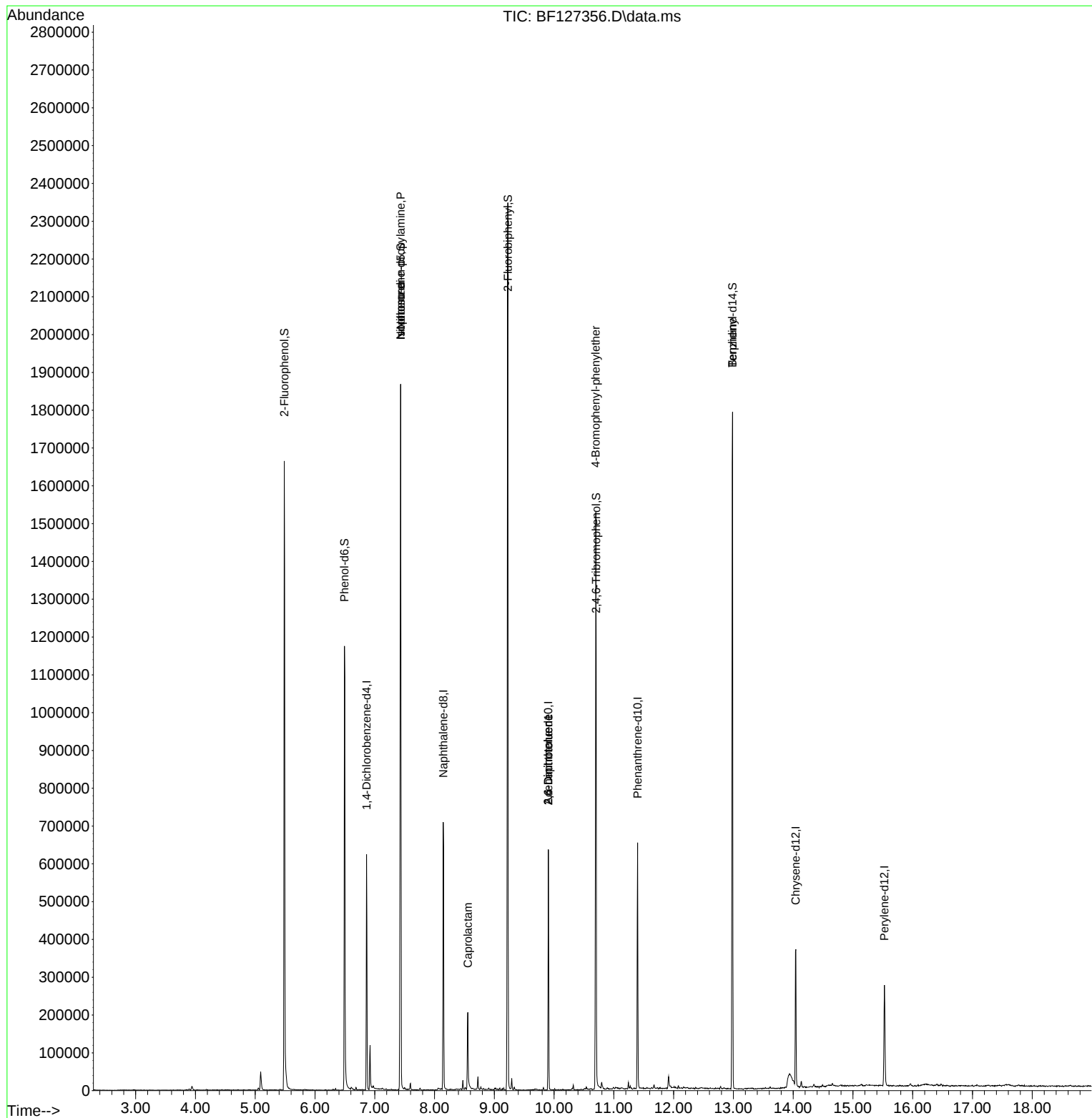
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	81565	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	285611	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	113300	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	210524	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	135449	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	125677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	392922	77.441	ng	0.00
7) Phenol-d6	6.492	99	378336	54.204	ng	-0.01
23) Nitrobenzene-d5	7.434	82	578652	83.671	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	164398	134.789	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	715702	89.307	ng	0.00
79) Terphenyl-d14	12.986	244	626990	79.709	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.492	77	593	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	79727	18.304	ng	# 86
25) Isophorone	7.434	82	578652	52.035	ng	# 69
35) Caprolactam	8.557	113	16912	12.156	ng	# 72
51) 2,6-Dinitrotoluene	9.904	165	14479	8.816	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	14479	6.701	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	11736	4.625	ng	# 1
77) Benzidine	12.986	184	8577	2.490	ng	# 84

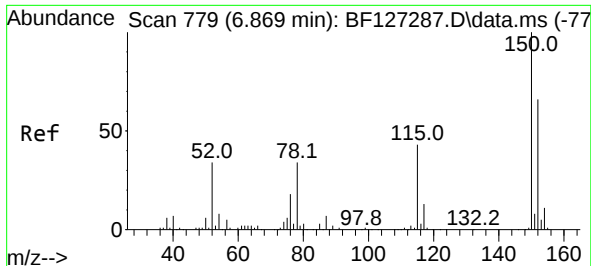
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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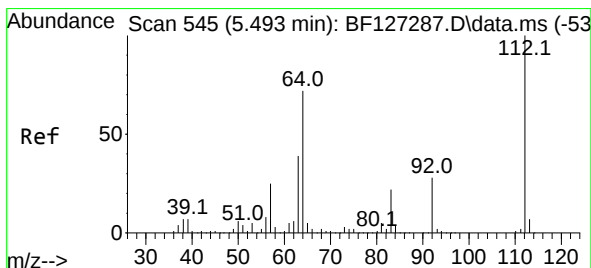
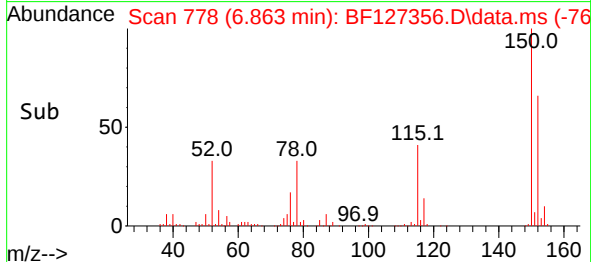
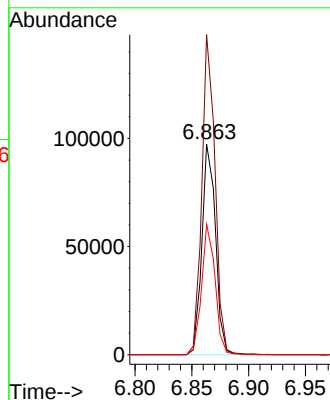
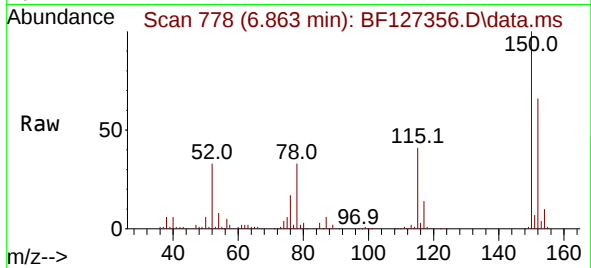




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

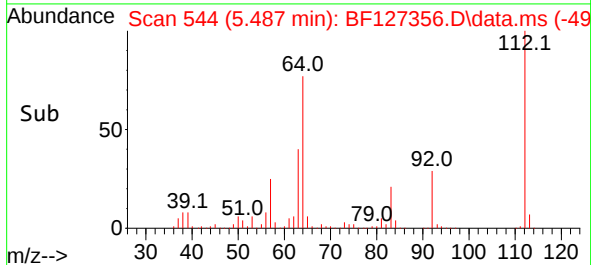
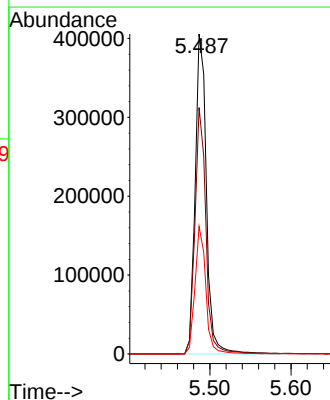
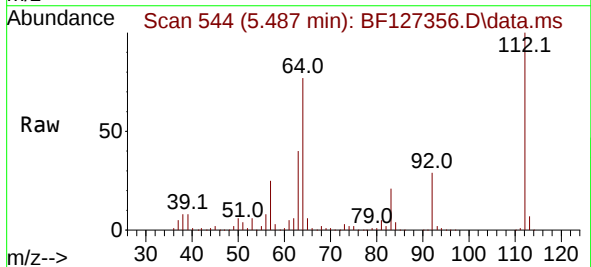
Instrument :
BNA_F
ClientSampleId :
TW-10B

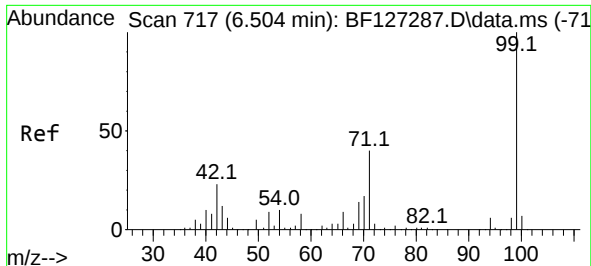
Tgt Ion:152 Resp: 81565
Ion Ratio Lower Upper
152 100
150 151.9 128.1 192.1
115 62.0 56.7 85.1



#5
2-Fluorophenol
Concen: 77.441 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

Tgt Ion:112 Resp: 392922
Ion Ratio Lower Upper
112 100
64 77.0 49.5 74.3#
63 39.9 23.9 35.9#

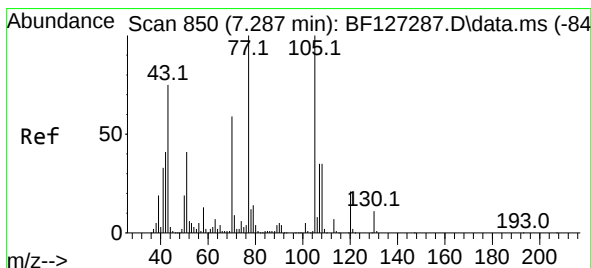
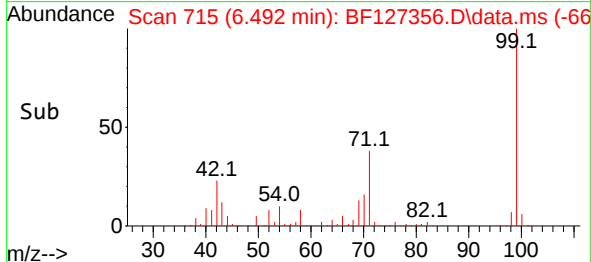
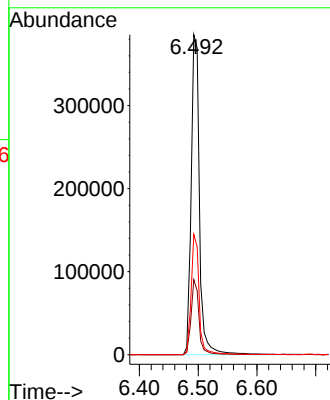
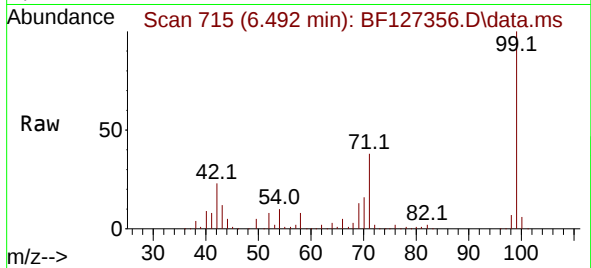




#7
Phenol-d6
Concen: 54.204 ng
RT: 6.492 min Scan# 715
Delta R.T. -0.012 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

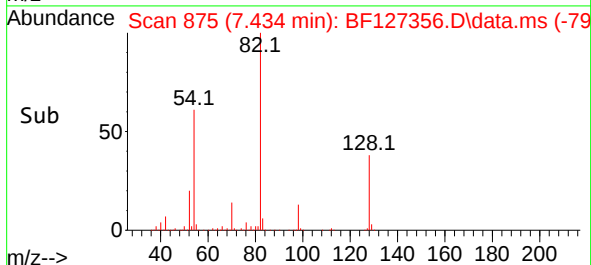
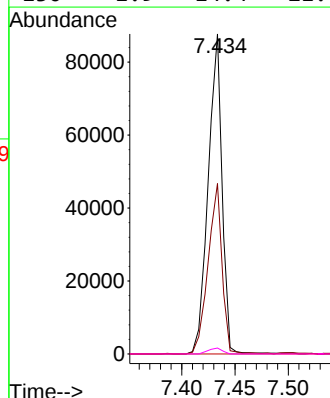
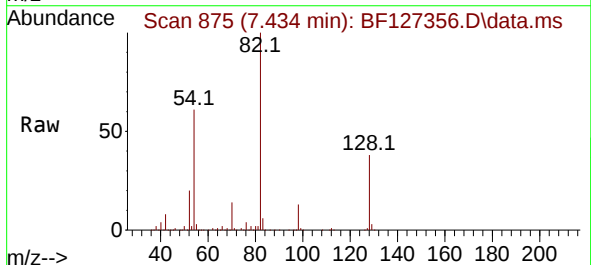
Instrument :
BNA_F
ClientSampleId :
TW-10B

Tgt Ion: 99 Resp: 378336
Ion Ratio Lower Upper
99 100
42 23.4 14.2 21.4#
71 37.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.304 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

Tgt Ion: 70 Resp: 79727
Ion Ratio Lower Upper
70 100
42 53.2 45.8 68.8
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

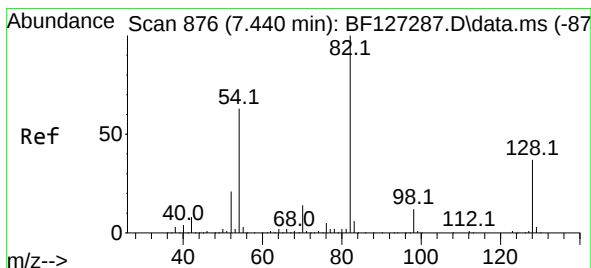
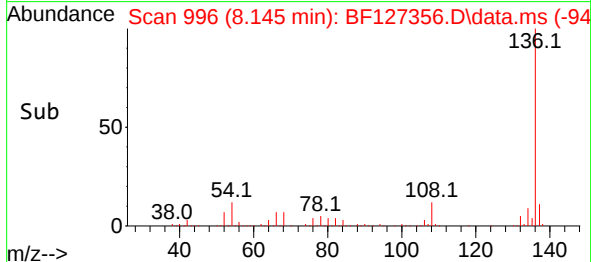
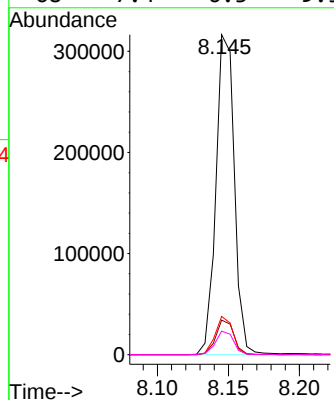
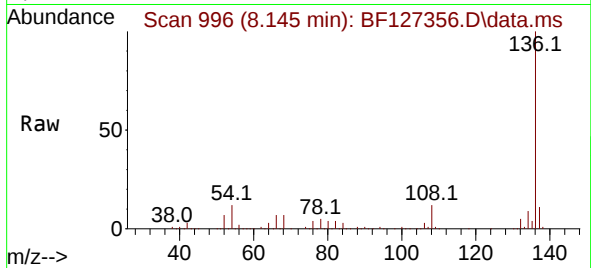




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

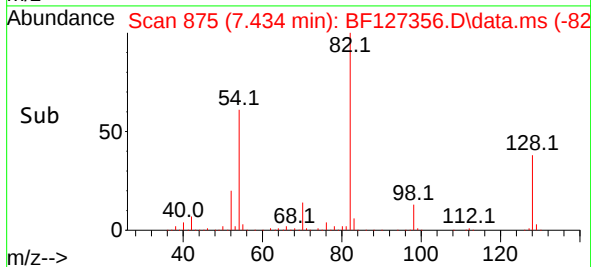
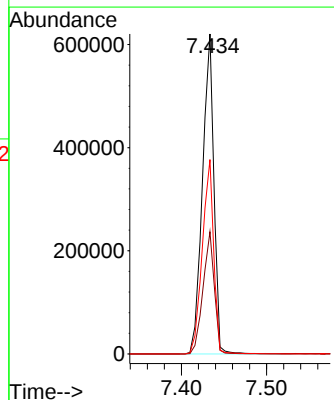
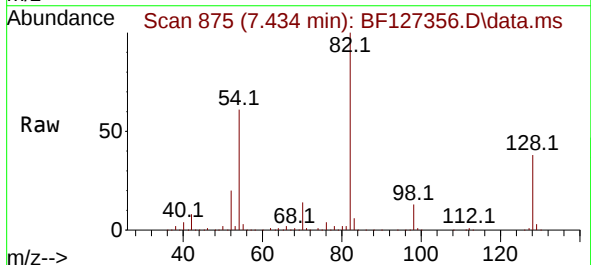
Instrument :
BNA_F
ClientSampleId :
TW-10B

Tgt Ion:136 Resp: 285611
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.9 7.8 11.6#
68 7.4 6.3 9.5



#23
Nitrobenzene-d5
Concen: 83.671 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

Tgt Ion: 82 Resp: 578652
Ion Ratio Lower Upper
82 100
128 38.2 32.7 49.1
54 60.8 41.7 62.5

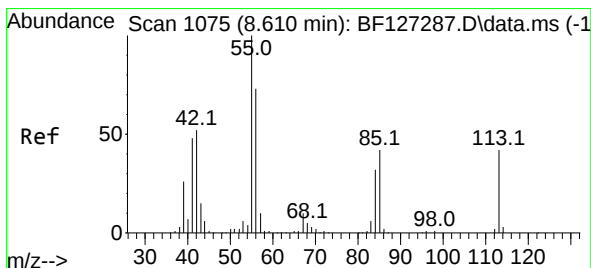
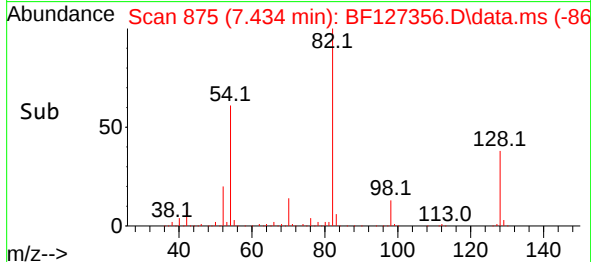
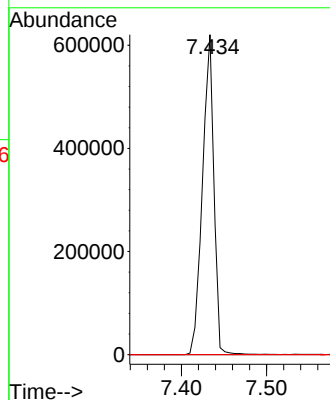
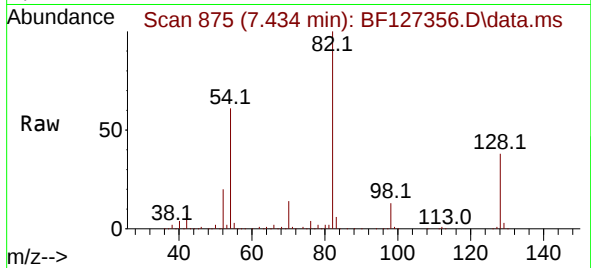




#25
Isophorone
Concen: 52.035 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

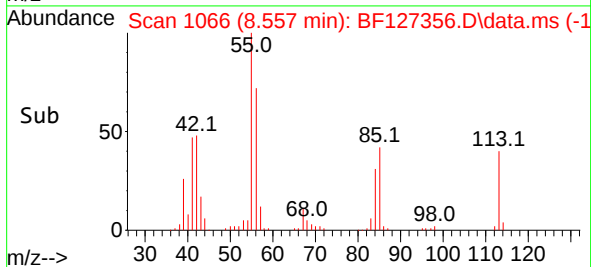
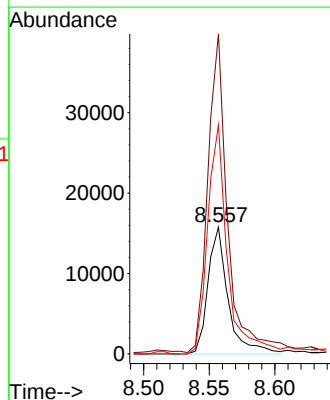
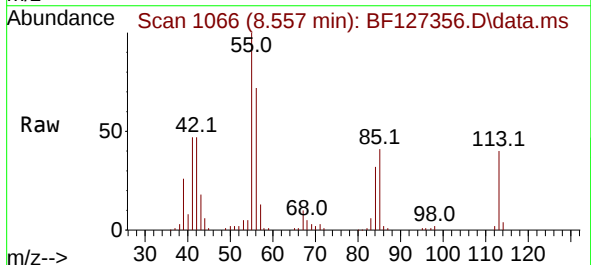
Instrument :
BNA_F
ClientSampleId :
TW-10B

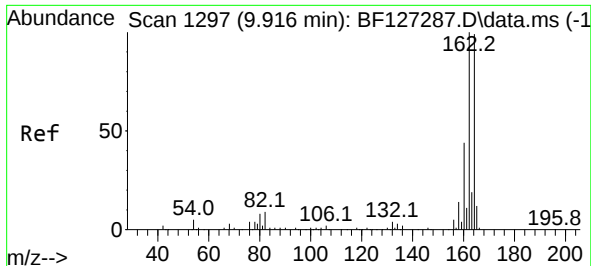
Tgt Ion: 82 Resp: 578652
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#35
Caprolactam
Concen: 12.156 ng
RT: 8.557 min Scan# 1066
Delta R.T. -0.053 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

Tgt Ion: 113 Resp: 16912
Ion Ratio Lower Upper
113 100
55 252.1 183.9 223.9#
56 180.4 129.9 169.9#

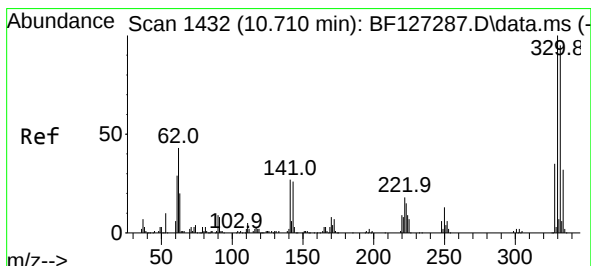
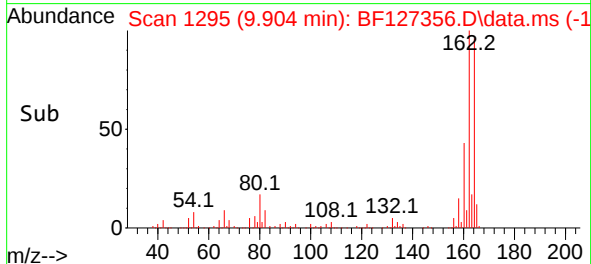
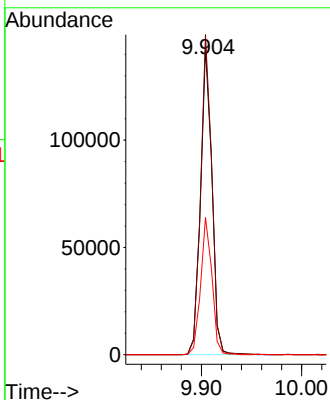
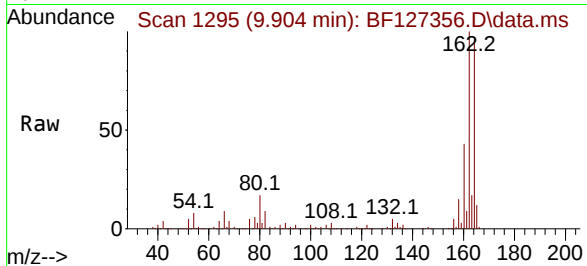




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

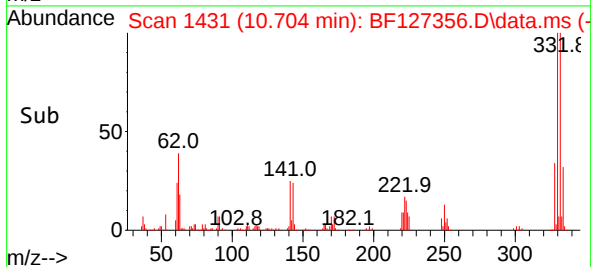
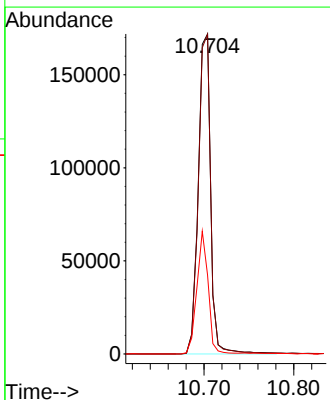
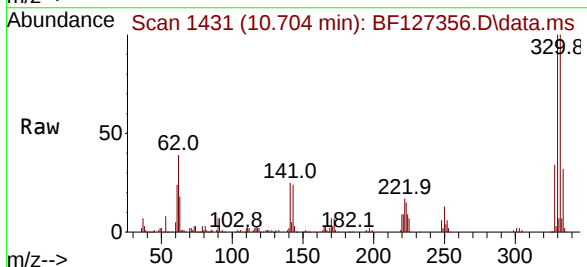
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ClientSampleId :
TW-10B

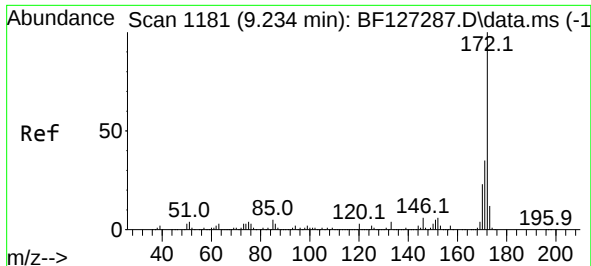
Tgt Ion:164 Resp: 113300
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 44.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 134.789 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

Tgt Ion:330 Resp: 164398
Ion Ratio Lower Upper
330 100
332 98.6 76.0 114.0
141 35.0 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 89.307 ng

RT: 9.228 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF127356.D

Acq: 16 Mar 2022 19:29

Instrument :

BNA_F

ClientSampleId :

TW-10B

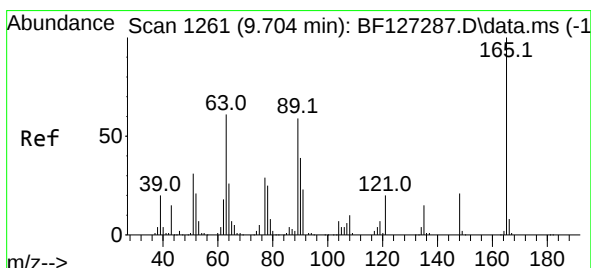
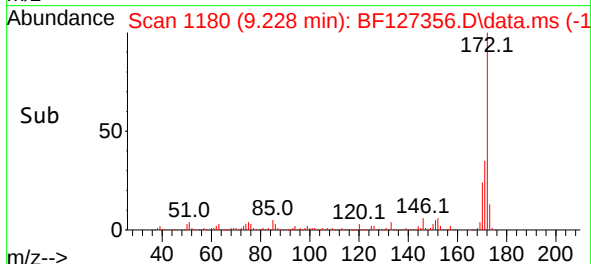
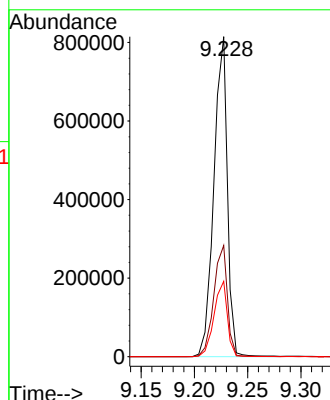
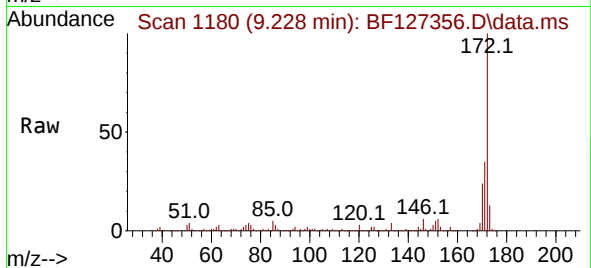
Tgt Ion:172 Resp: 715702

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.6 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.816 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF127356.D

Acq: 16 Mar 2022 19:29

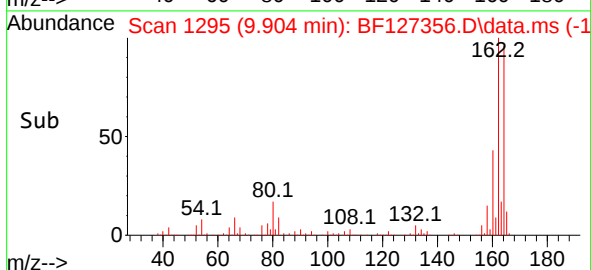
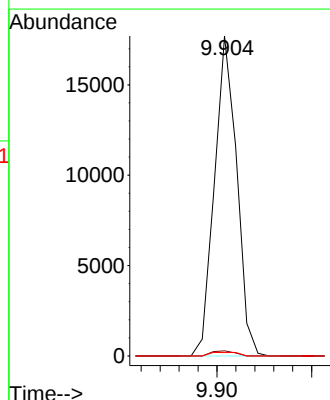
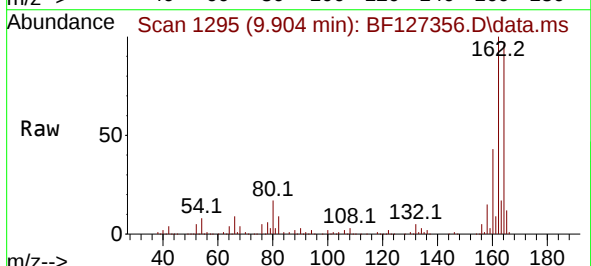
Tgt Ion:165 Resp: 14479

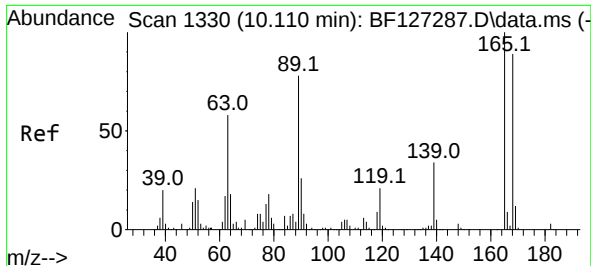
Ion Ratio Lower Upper

165 100

63 1.6 48.4 72.6#

89 1.1 50.5 75.7#

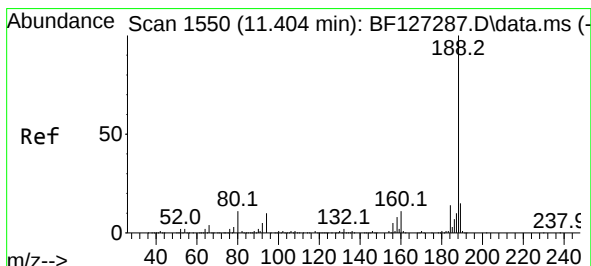
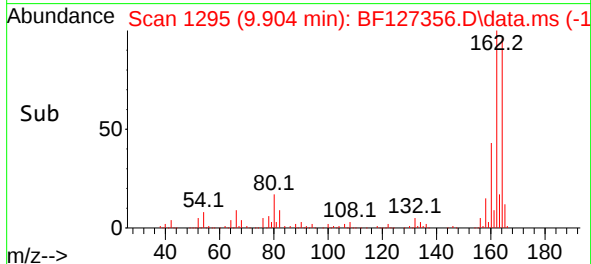
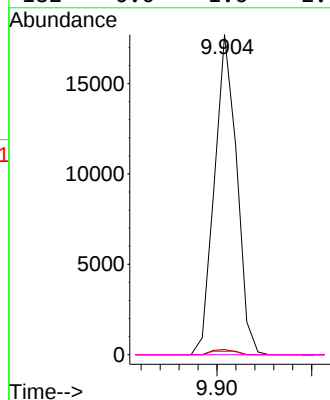
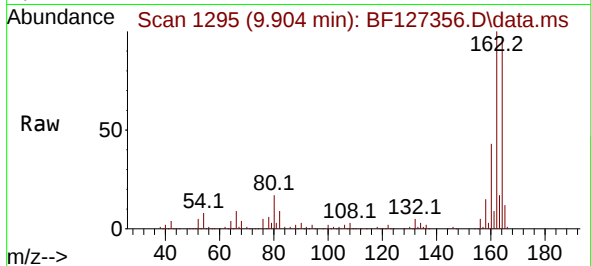




#57
2,4-Dinitrotoluene
Concen: 6.701 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

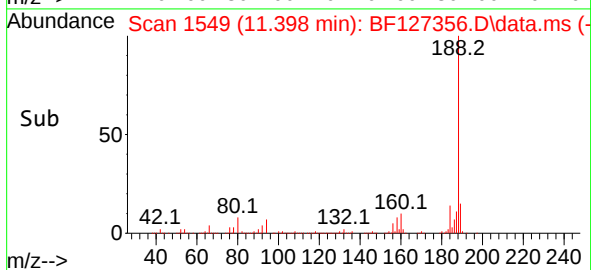
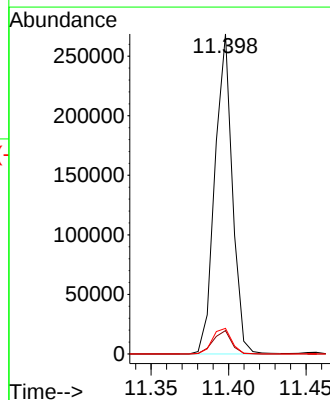
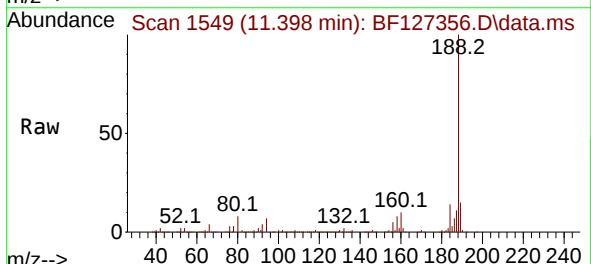
Instrument :
BNA_F
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TW-10B

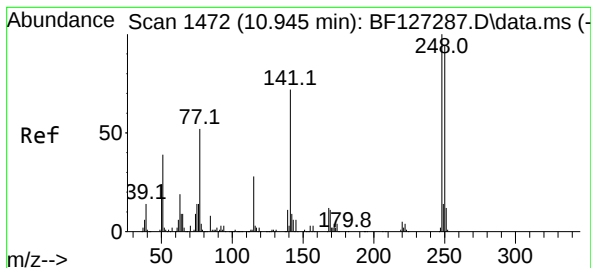
Tgt Ion:165 Resp: 14479
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

Tgt Ion:188 Resp: 210524
Ion Ratio Lower Upper
188 100
94 7.3 10.1 15.1#
80 8.0 11.8 17.6#

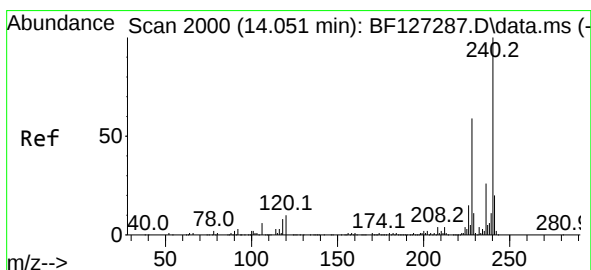
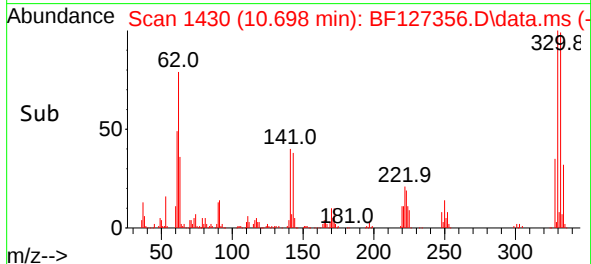
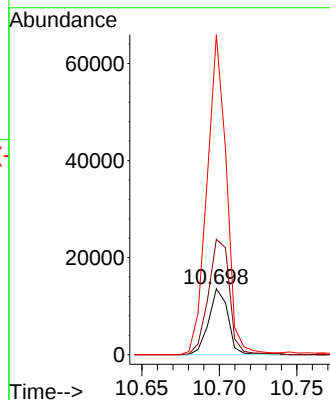
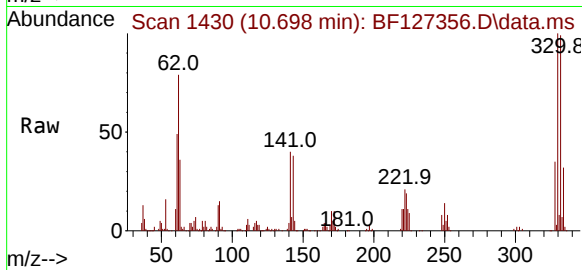




#67
4-Bromophenyl-phenylether
Concen: 4.625 ng
RT: 10.698 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

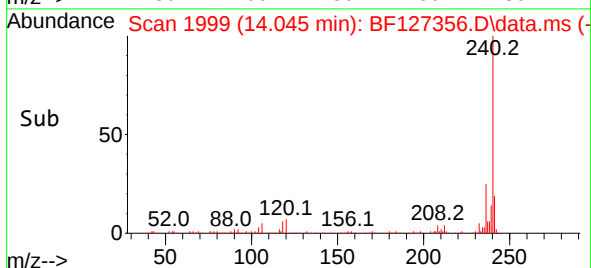
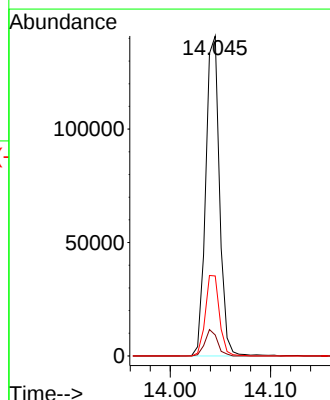
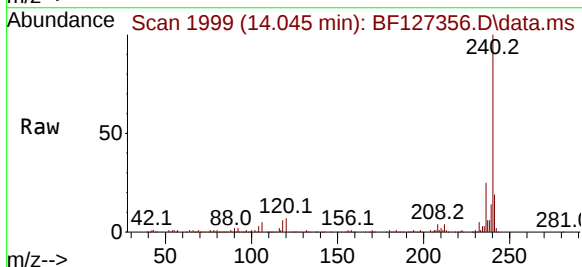
Instrument :
BNA_F
ClientSampleId :
TW-10B

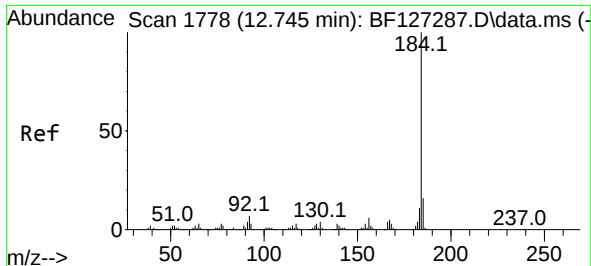
Tgt Ion:248 Resp: 11736
Ion Ratio Lower Upper
248 100
250 175.0 76.2 114.4#
141 485.3 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

Tgt Ion:240 Resp: 135449
Ion Ratio Lower Upper
240 100
120 6.6 14.4 21.6#
236 25.0 20.5 30.7

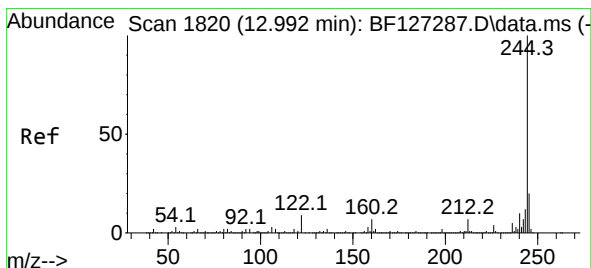
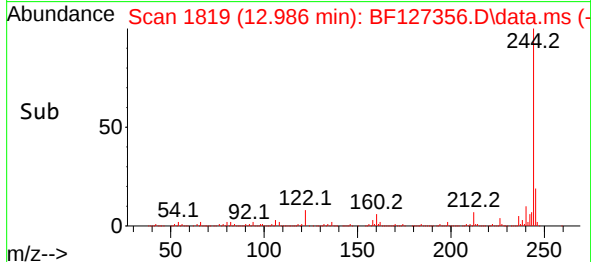
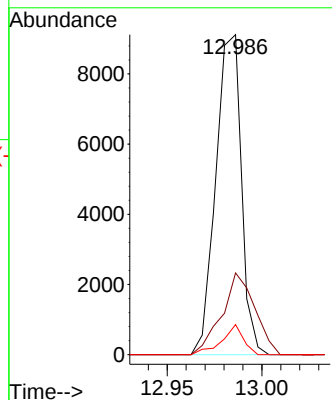
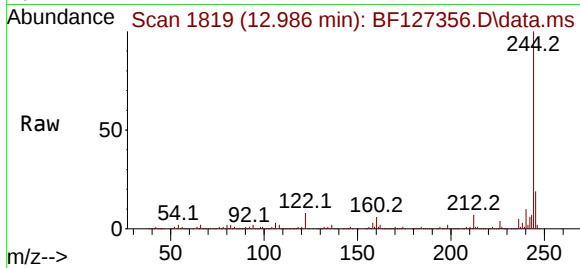




#77
Benzidine
Concen: 2.490 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

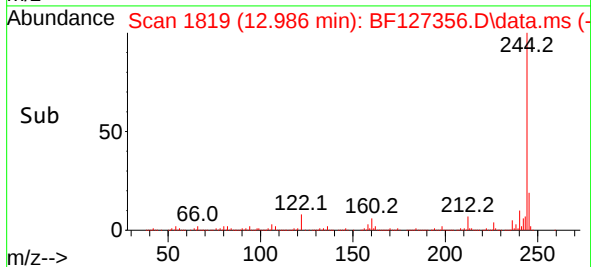
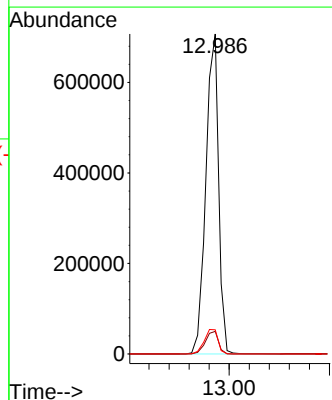
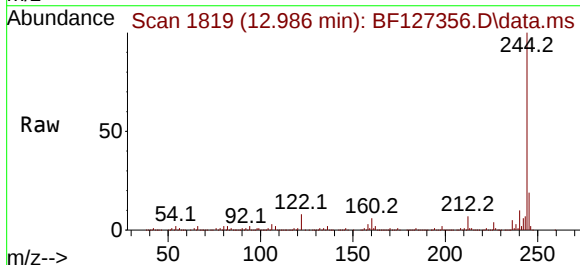
Instrument :
BNA_F
ClientSampleId :
TW-10B

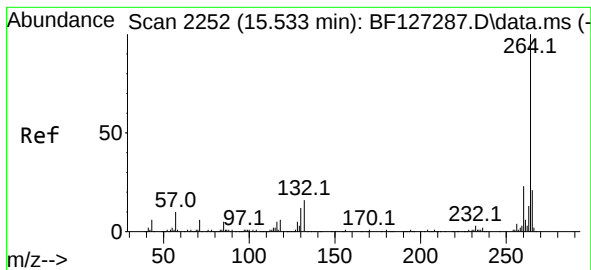
Tgt Ion:184 Resp: 8577
Ion Ratio Lower Upper
184 100
185 25.5 11.8 17.8#
183 9.4 8.2 12.2



#79
Terphenyl-d14
Concen: 79.709 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF127356.D
Acq: 16 Mar 2022 19:29

Tgt Ion:244 Resp: 626990
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 7.6 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127356.D

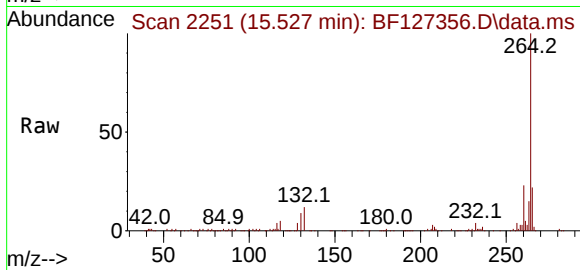
Acq: 16 Mar 2022 19:29

Instrument :

BNA_F

ClientSampleId :

TW-10B



Tgt Ion:264 Resp: 125677

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 22.1 17.4 26.2

