

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127352.D
 Acq On : 16 Mar 2022 17:23
 Operator : CG\JU
 Sample : PB143392BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143392BL

Quant Time: Mar 17 02:35:45 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)

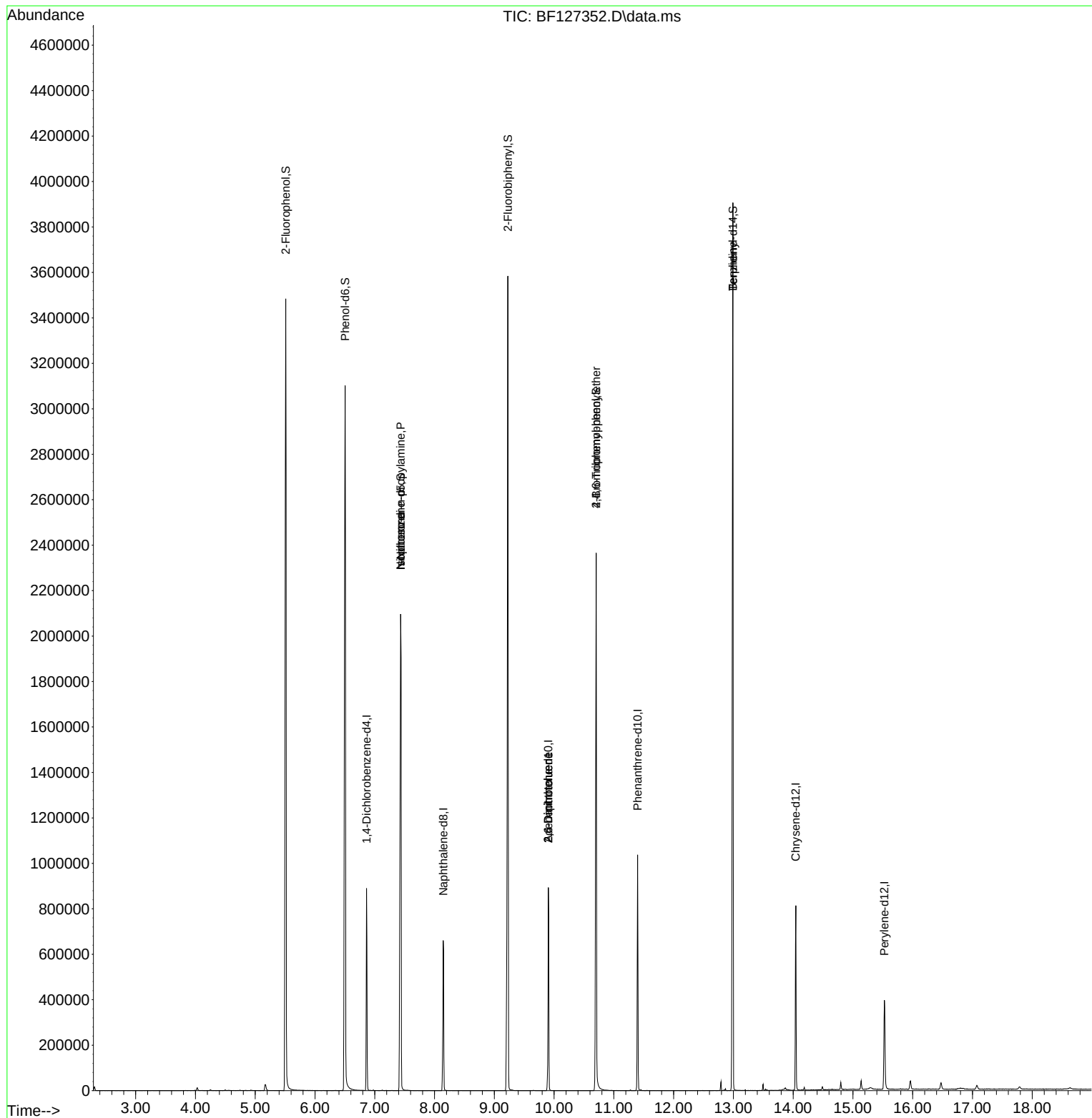
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	124669	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	309783	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	196889	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	358252	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	279409	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	187102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1003683	129.421	ng	0.02
7) Phenol-d6	6.504	99	1355091	127.019	ng	0.00
23) Nitrobenzene-d5	7.434	82	905135	120.666	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	301991	142.483	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1282603	92.099	ng	0.00
79) Terphenyl-d14	12.992	244	1547082	95.344	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	1975	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	127167	19.101	ng	# 86
25) Isophorone	7.434	82	905124	75.042	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	24591	8.617	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	24591	6.549	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	19777	4.580	ng	# 1
77) Benizidine	12.992	184	19005	2.675	ng	# 95

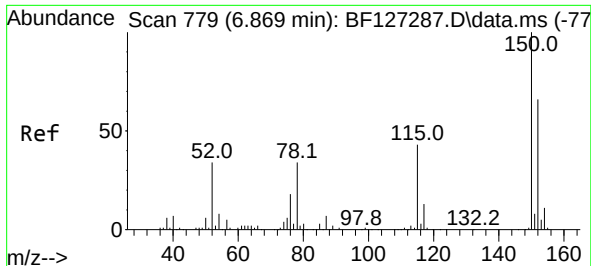
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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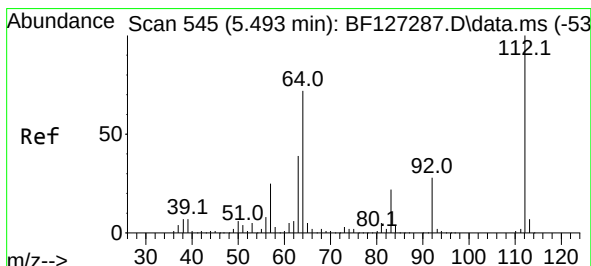
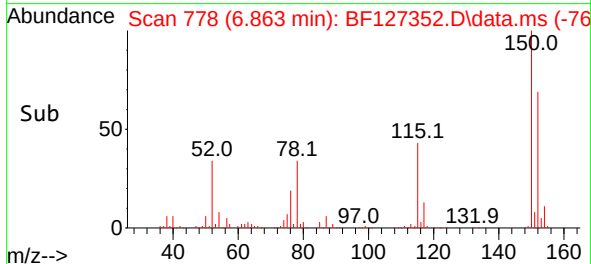
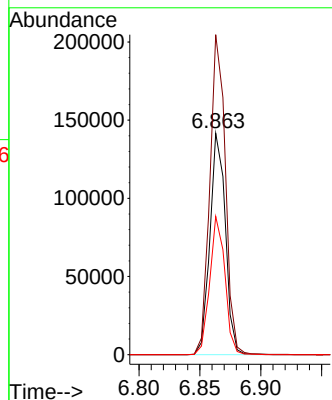
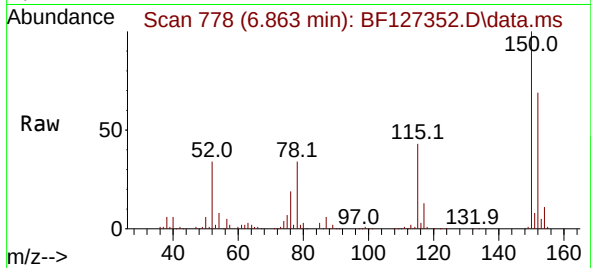




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

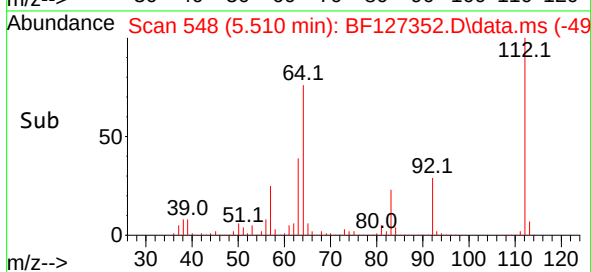
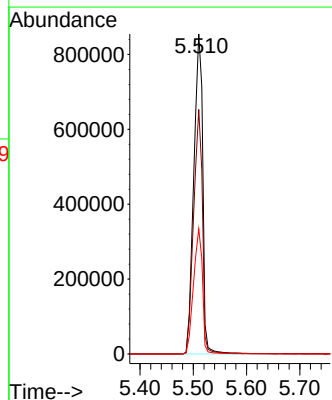
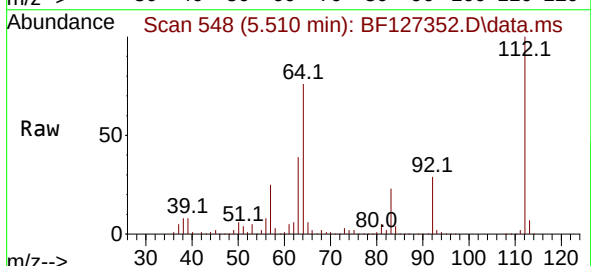
Instrument :
BNA_F
ClientSampleId :
PB143392BL

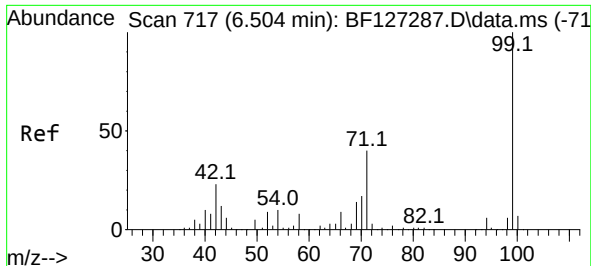
Tgt Ion:152 Resp: 124669
Ion Ratio Lower Upper
152 100
150 144.5 128.1 192.1
115 62.5 56.7 85.1



#5
2-Fluorophenol
Concen: 129.421 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.018 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

Tgt Ion:112 Resp: 1003683
Ion Ratio Lower Upper
112 100
64 76.4 49.5 74.3#
63 39.1 23.9 35.9#

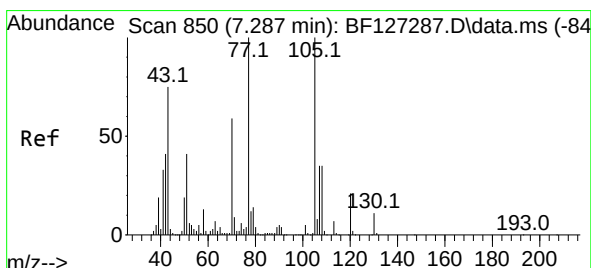
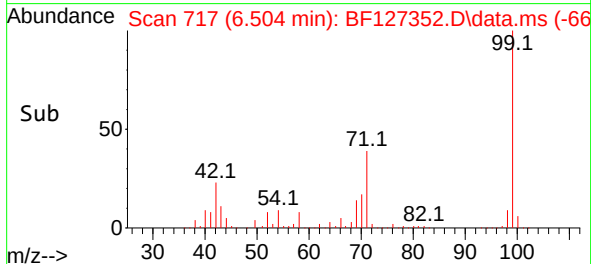
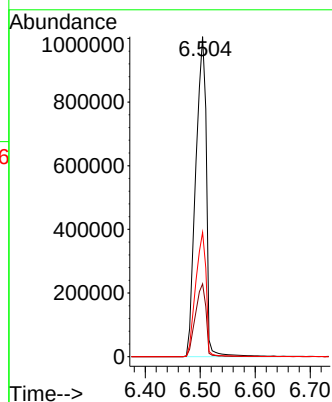
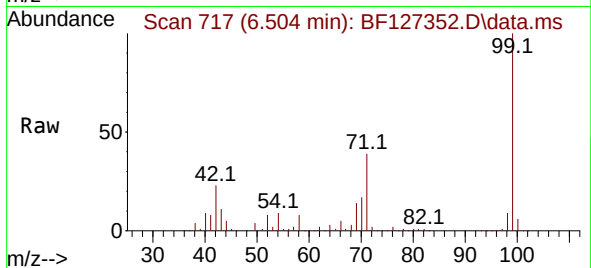




#7
Phenol-d6
Concen: 127.019 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

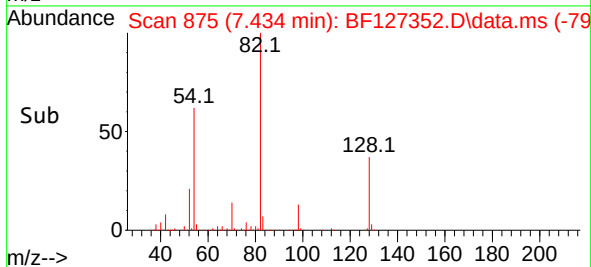
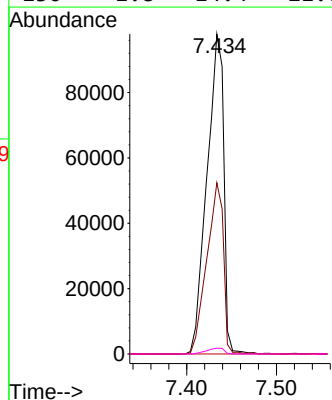
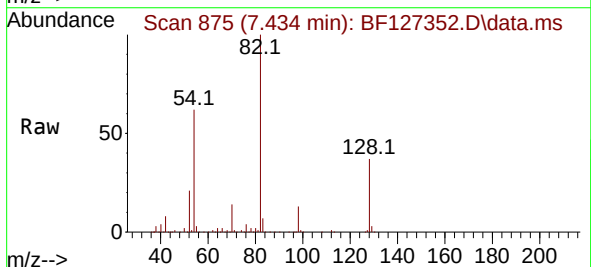
Instrument :
BNA_F
ClientSampleId :
PB143392BL

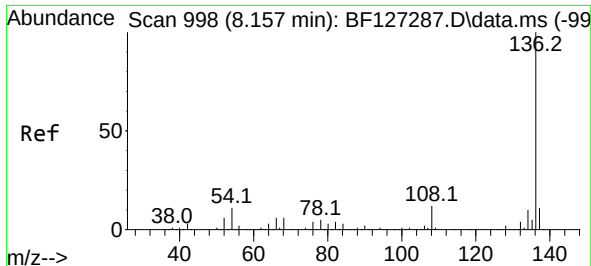
Tgt Ion: 99 Resp: 1355091
Ion Ratio Lower Upper
99 100
42 22.8 14.2 21.4#
71 38.8 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 19.101 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

Tgt Ion: 70 Resp: 127167
Ion Ratio Lower Upper
70 100
42 53.5 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

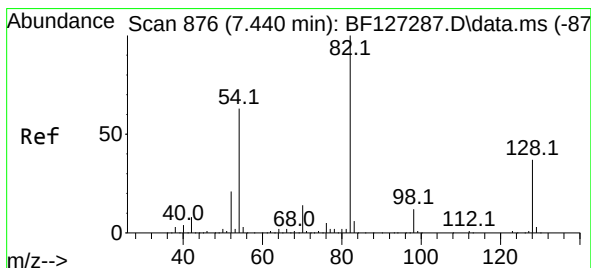
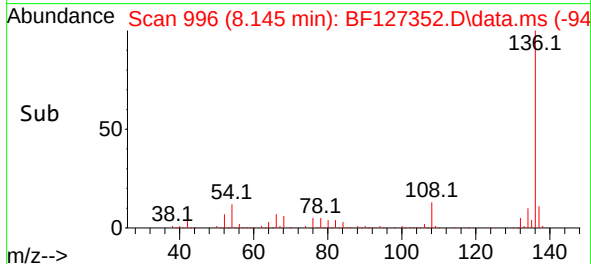
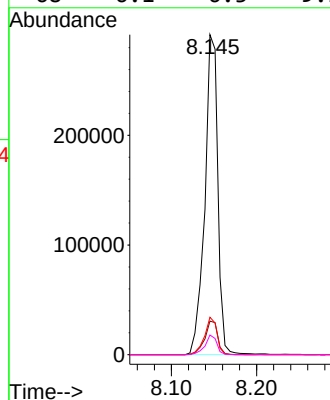
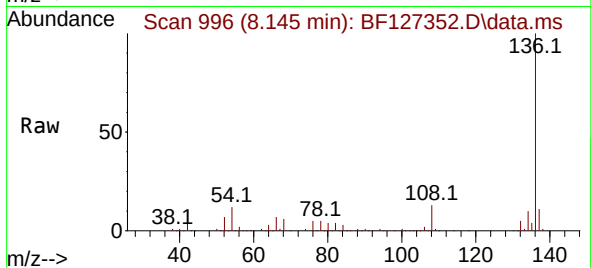




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

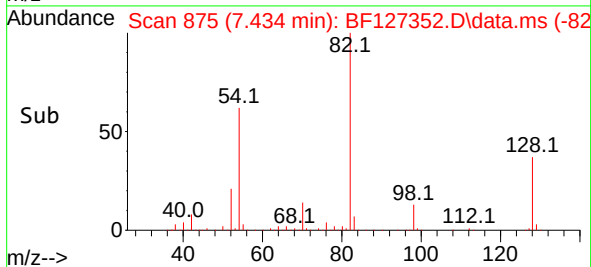
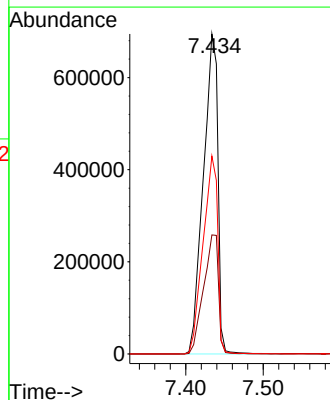
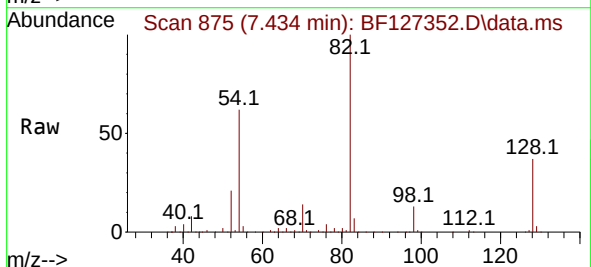
Instrument :
BNA_F
ClientSampleId :
PB143392BL

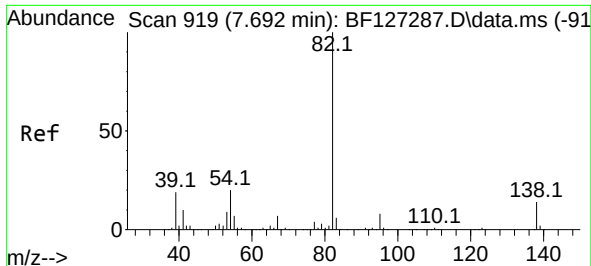
Tgt Ion:136 Resp: 309783
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 11.7 7.8 11.6#
68 6.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 120.666 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

Tgt Ion: 82 Resp: 905135
Ion Ratio Lower Upper
82 100
128 37.2 32.7 49.1
54 61.8 41.7 62.5

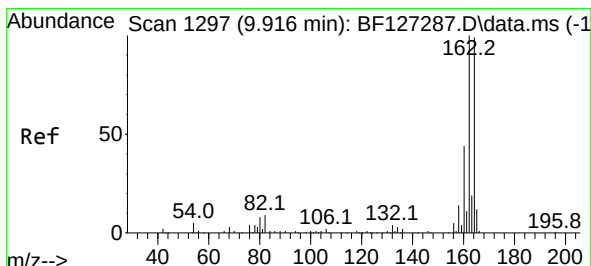
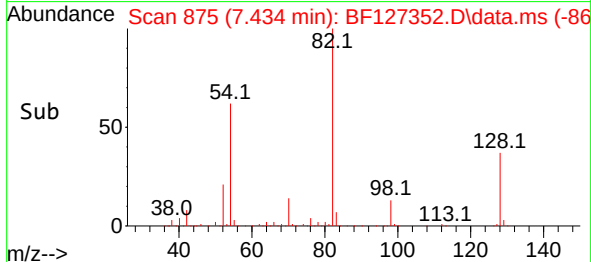
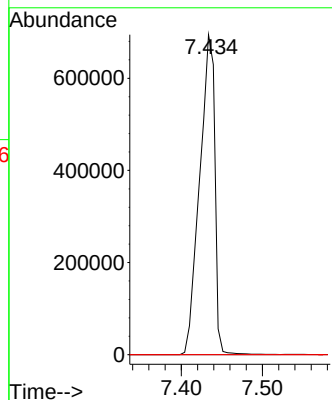
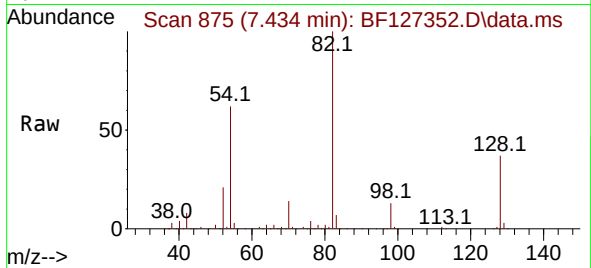




#25
Isophorone
Concen: 75.042 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

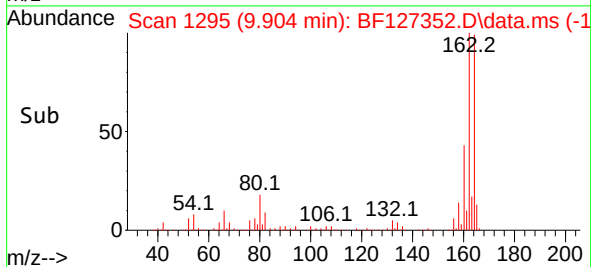
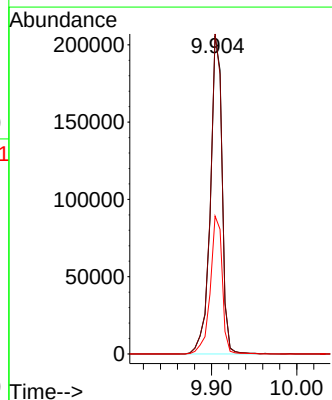
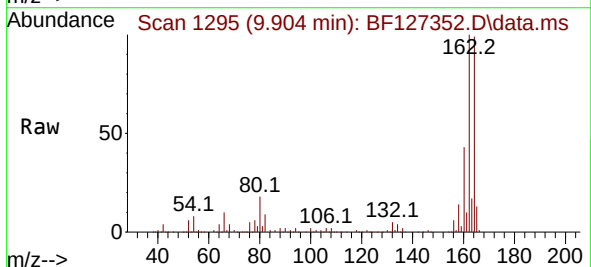
Instrument :
BNA_F
ClientSampleId :
PB143392BL

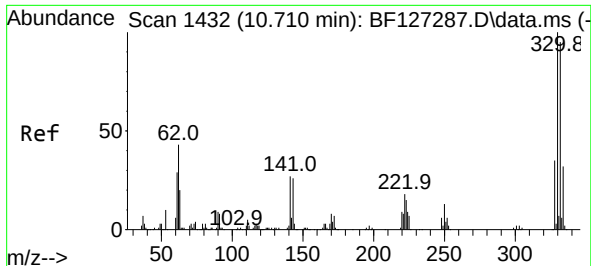
Tgt Ion: 82 Resp: 905124
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

Tgt Ion:164 Resp: 196889
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 43.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 142.483 ng

RT: 10.704 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127352.D

Acq: 16 Mar 2022 17:23

Instrument :

BNA_F

ClientSampleId :

PB143392BL

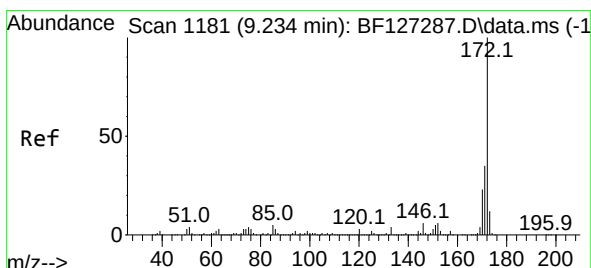
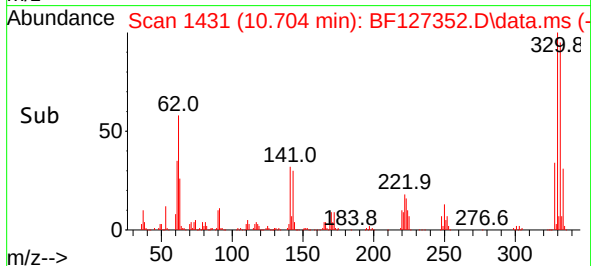
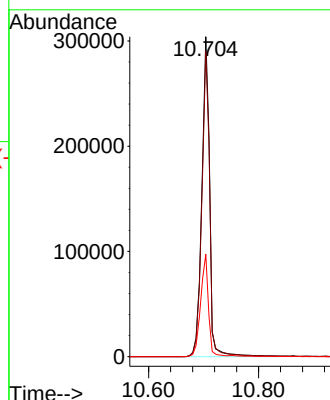
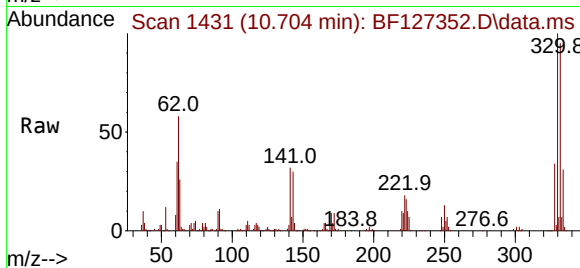
Tgt Ion:330 Resp: 301991

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

141 32.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 92.099 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127352.D

Acq: 16 Mar 2022 17:23

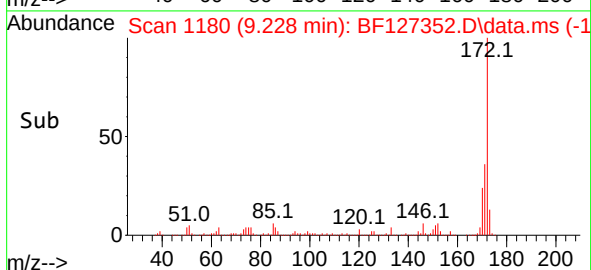
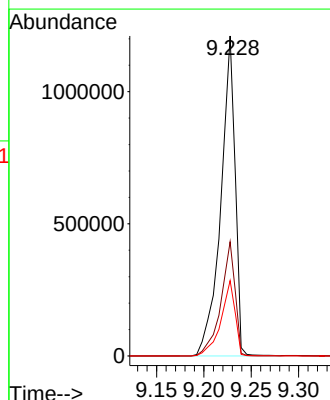
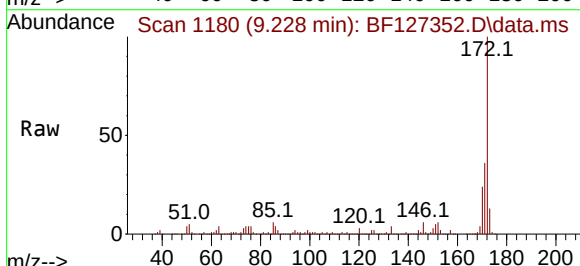
Tgt Ion:172 Resp: 1282603

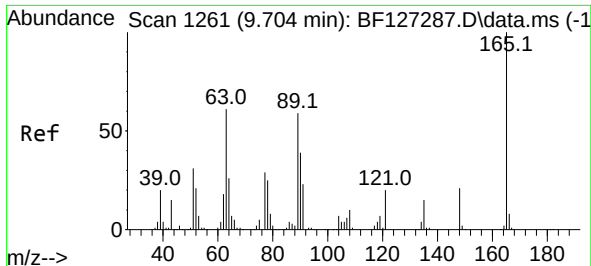
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.5 19.0 28.6

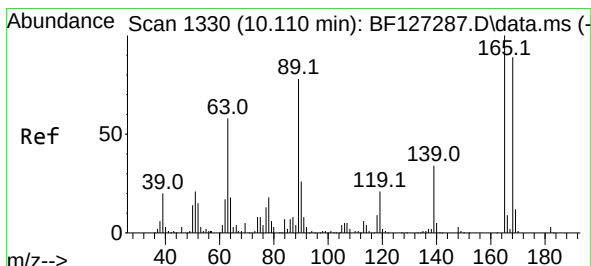
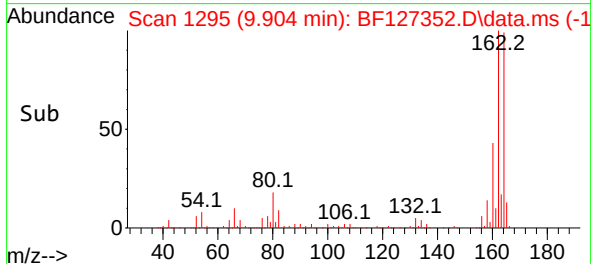
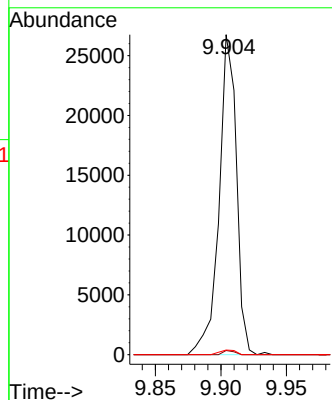
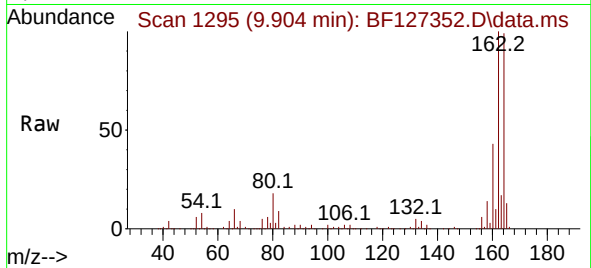




#51
2,6-Dinitrotoluene
Concen: 8.617 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

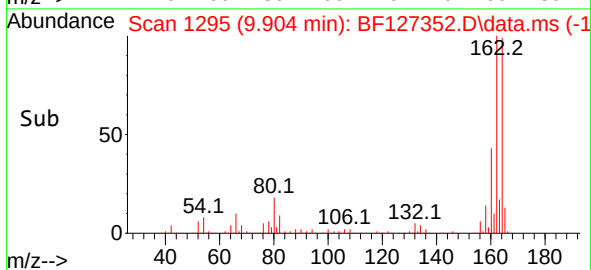
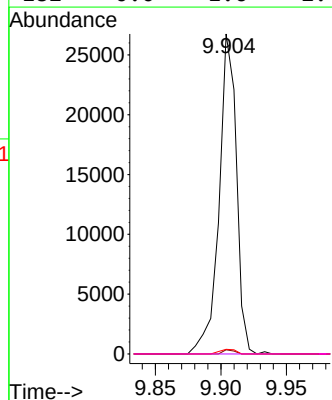
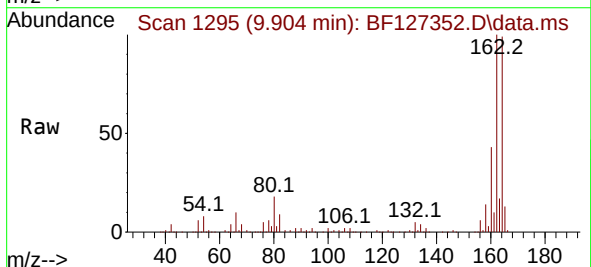
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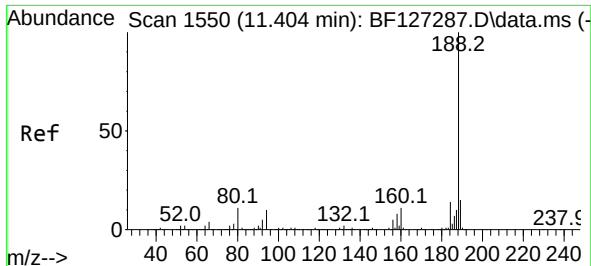
Tgt Ion:165 Resp: 24591
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.549 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

Tgt Ion:165 Resp: 24591
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

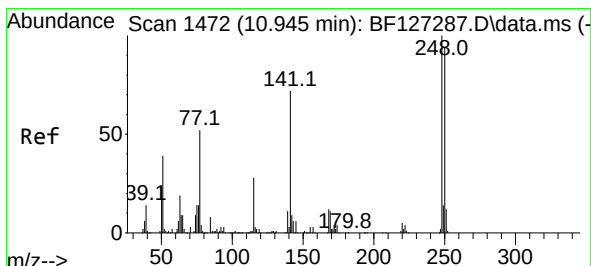
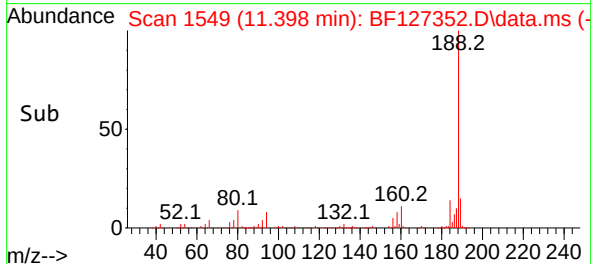
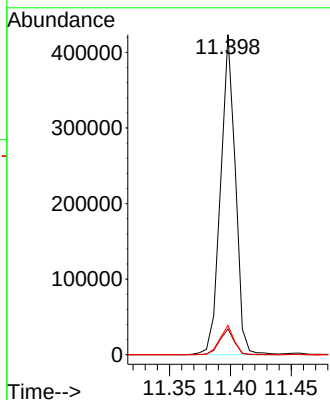
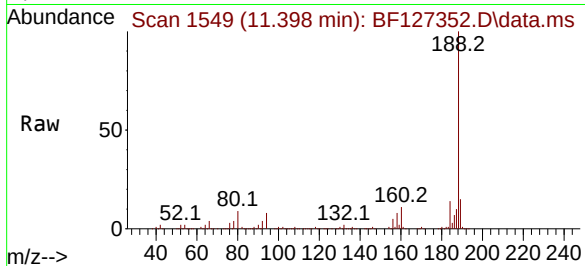




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

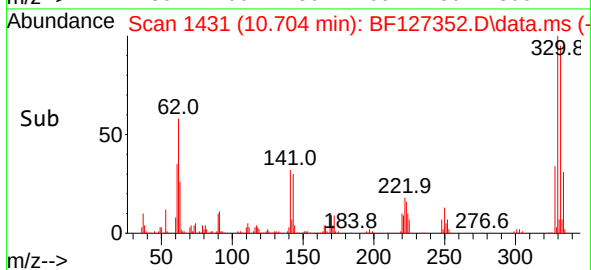
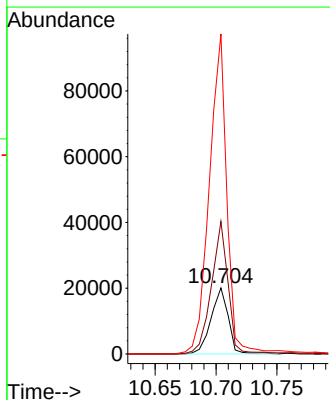
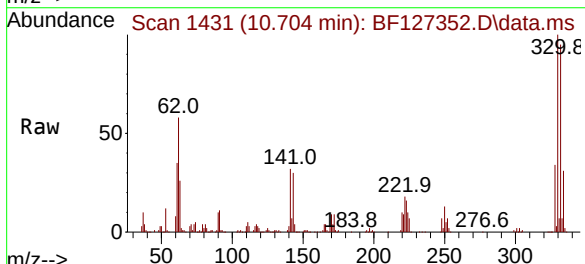
Instrument :
BNA_F
ClientSampleId :
PB143392BL

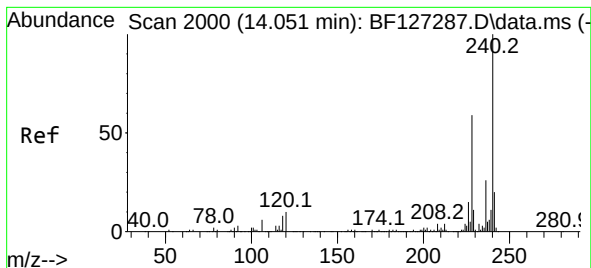
Tgt Ion:188 Resp: 358252
Ion Ratio Lower Upper
188 100
94 8.1 10.1 15.1#
80 9.1 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.580 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

Tgt Ion:248 Resp: 19777
Ion Ratio Lower Upper
248 100
250 200.3 76.2 114.4#
141 483.8 66.2 99.4#

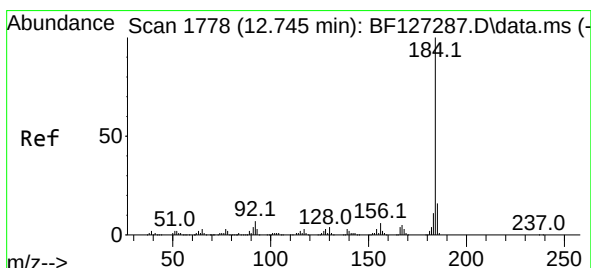
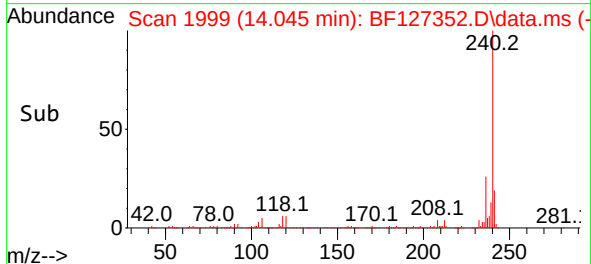
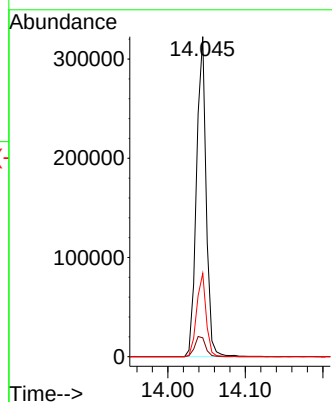
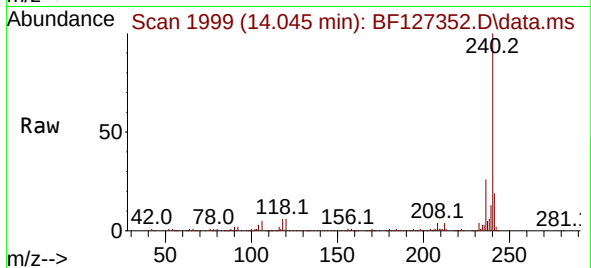




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

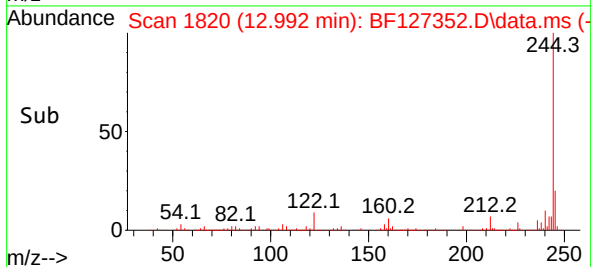
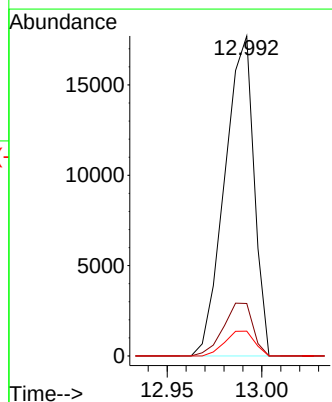
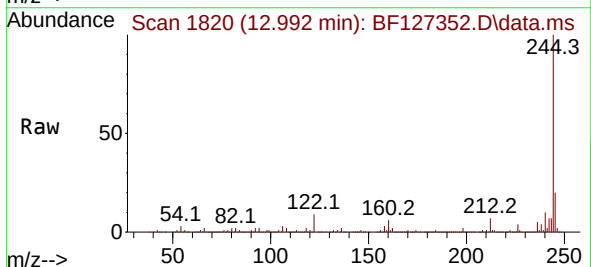
Instrument :
BNA_F
ClientSampleId :
PB143392BL

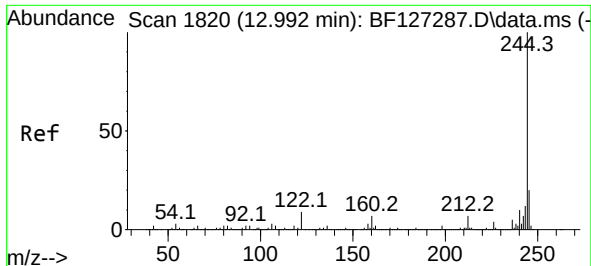
Tgt Ion:240 Resp: 279409
Ion Ratio Lower Upper
240 100
120 5.9 14.4 21.6#
236 26.0 20.5 30.7



#77
Benzidine
Concen: 2.675 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.247 min
Lab File: BF127352.D
Acq: 16 Mar 2022 17:23

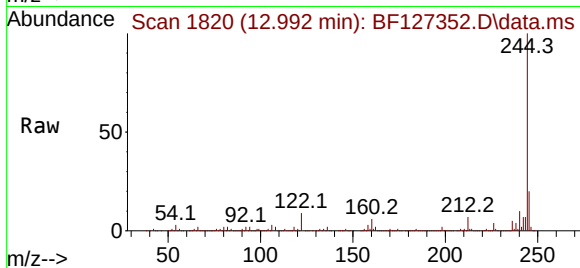
Tgt Ion:184 Resp: 19005
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.8
183 7.7 8.2 12.2#



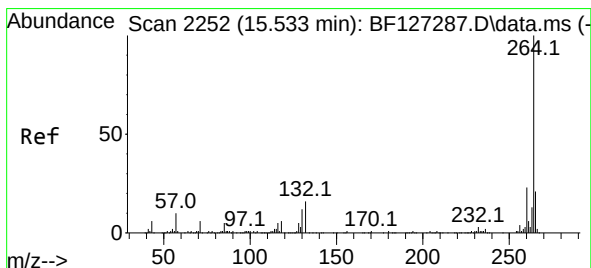
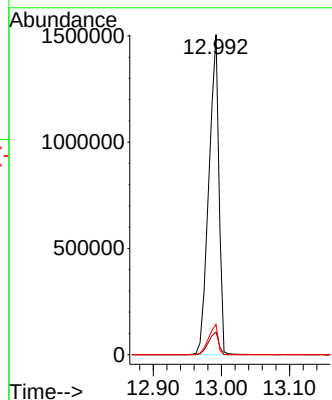
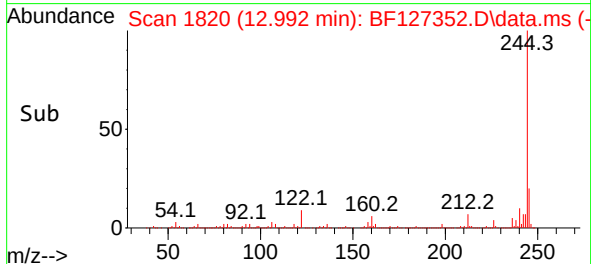


#79
 Terphenyl-d14
 Concen: 95.344 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127352.D
 Acq: 16 Mar 2022 17:23

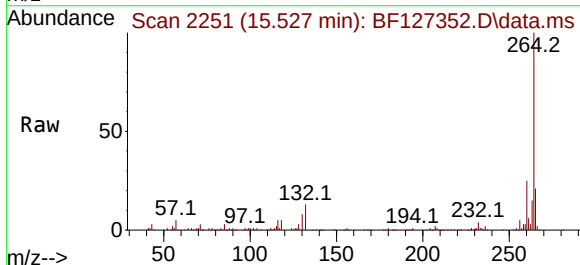
Instrument :
 BNA_F
 ClientSampleId :
 PB143392BL



Tgt Ion:244 Resp: 1547082
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 9.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF127352.D
 Acq: 16 Mar 2022 17:23



Tgt Ion:264 Resp: 187102
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.4 17.4 26.2

