

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127327.D
 Acq On : 15 Mar 2022 16:36
 Operator : CG\JU
 Sample : PB143346TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143285TB

Quant Time: Mar 16 05:29:23 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)

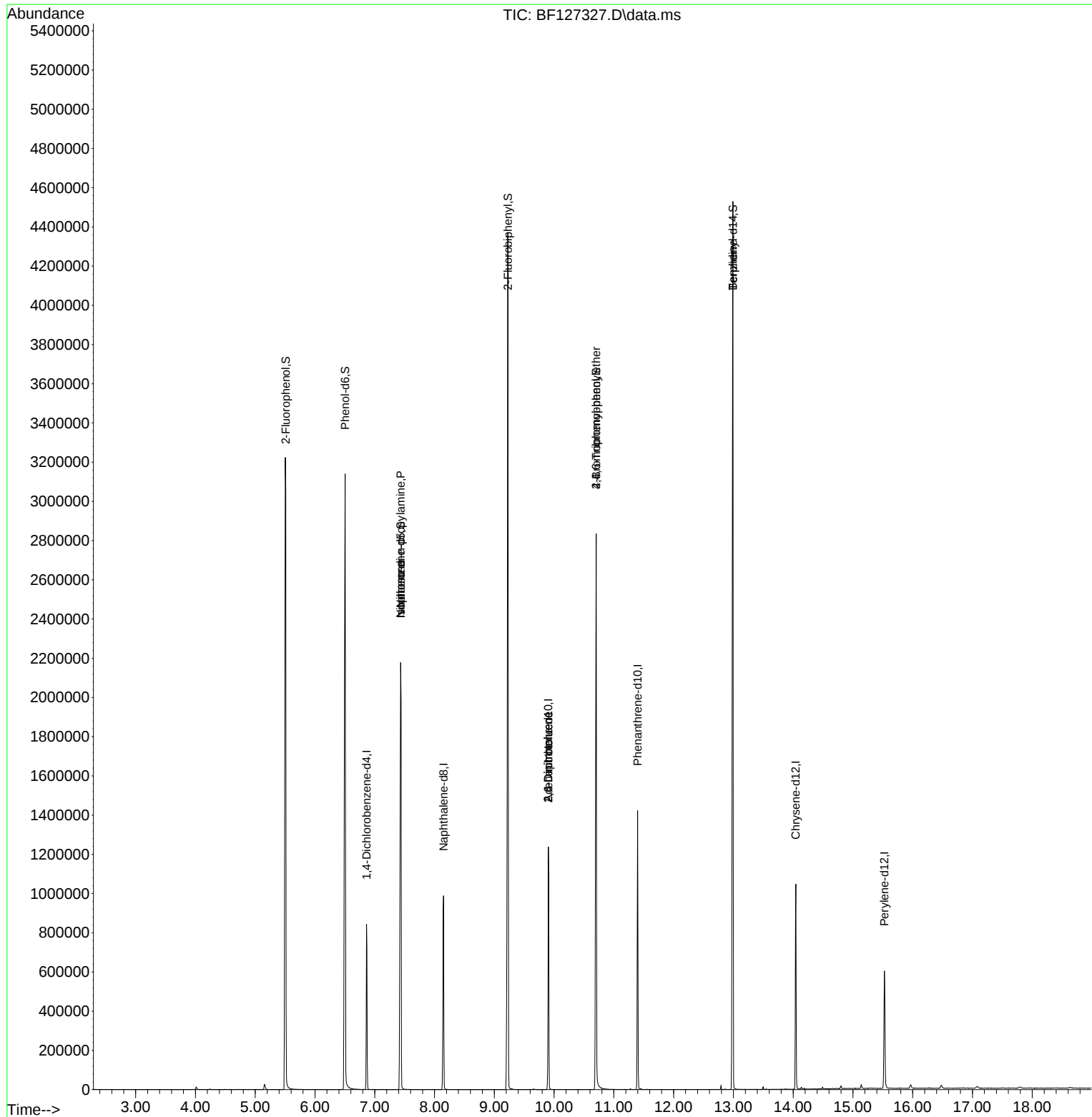
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	123523	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	446537	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	260330	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	477686	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	364185	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	269459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	924353	120.298	ng	0.02
7) Phenol-d6	6.504	99	1259923	119.194	ng	0.00
23) Nitrobenzene-d5	7.434	82	908051	83.981	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	353930	126.294	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1531124	83.152	ng	0.00
79) Terphenyl-d14	12.992	244	1776301	83.987	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1778	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	125783	19.069	ng	# 87
25) Isophorone	7.434	82	908046	52.228	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	33340	8.835	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	33340	6.715	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	23439	4.070	ng	# 1
77) Benizidine	12.992	184	22342	2.412	ng	# 95

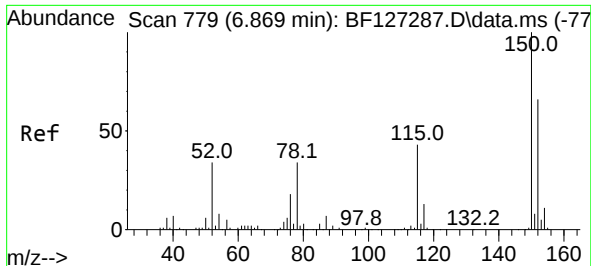
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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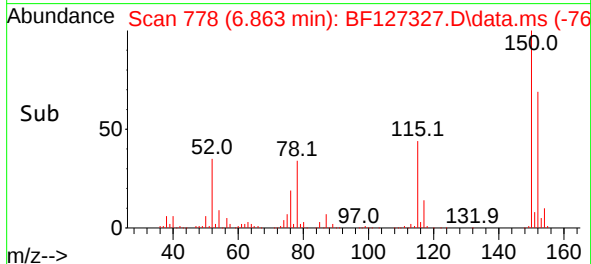
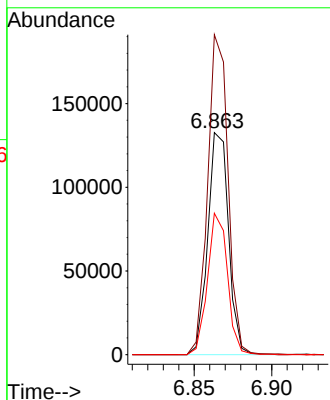
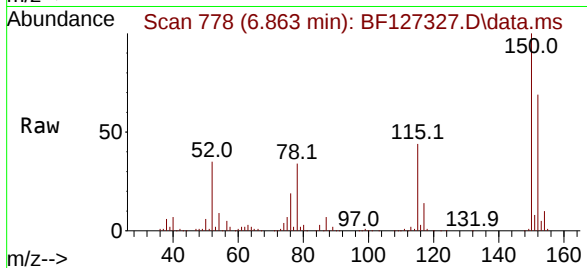




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

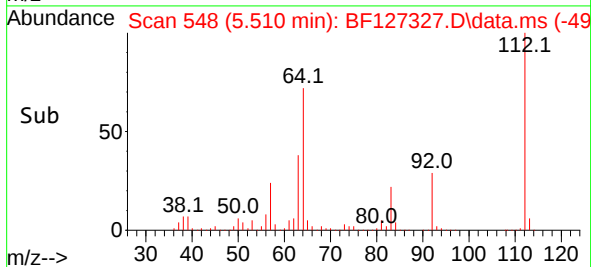
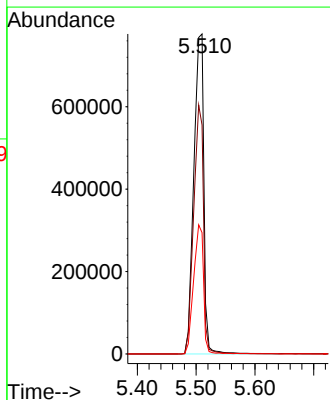
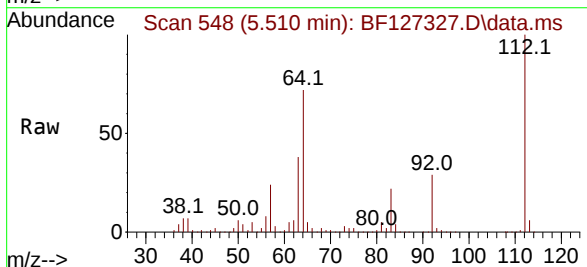
Instrument :
BNA_F
ClientSampleId :
PB143285TB

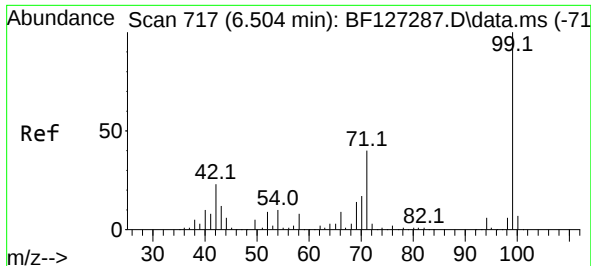
Tgt Ion:152 Resp: 123523
Ion Ratio Lower Upper
152 100
150 144.1 128.1 192.1
115 63.7 56.7 85.1



#5
2-Fluorophenol
Concen: 120.298 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.017 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

Tgt Ion:112 Resp: 924353
Ion Ratio Lower Upper
112 100
64 71.6 49.5 74.3
63 37.9 23.9 35.9#





#7

Phenol-d6

Concen: 119.194 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127327.D

Acq: 15 Mar 2022 16:36

Instrument :

BNA_F

ClientSampleId :

PB143285TB

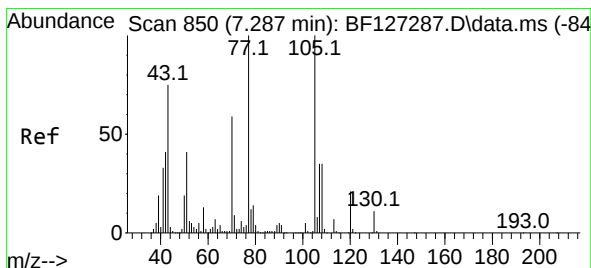
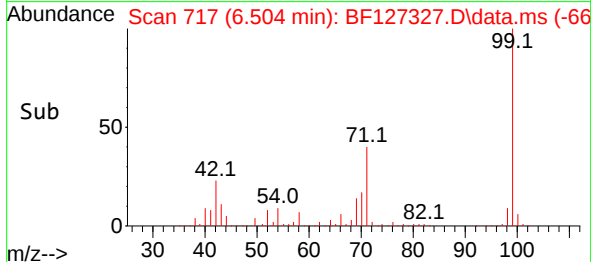
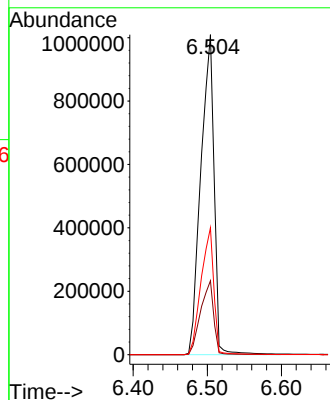
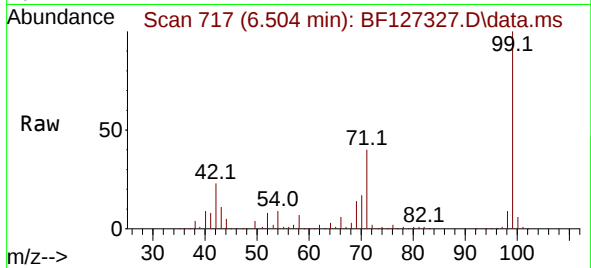
Tgt Ion: 99 Resp: 1259923

Ion Ratio Lower Upper

99 100

42 23.1 14.2 21.4#

71 39.7 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 19.069 ng

RT: 7.434 min Scan# 875

Delta R.T. 0.147 min

Lab File: BF127327.D

Acq: 15 Mar 2022 16:36

Tgt Ion: 70 Resp: 125783

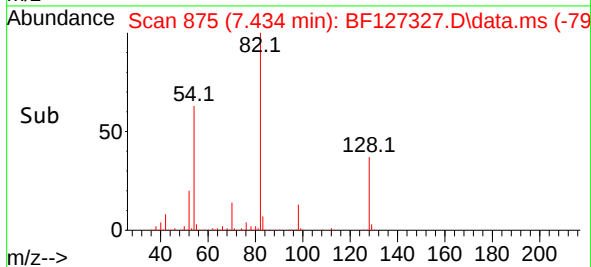
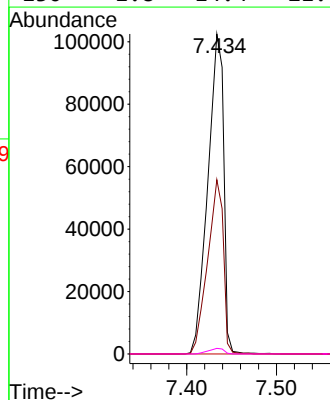
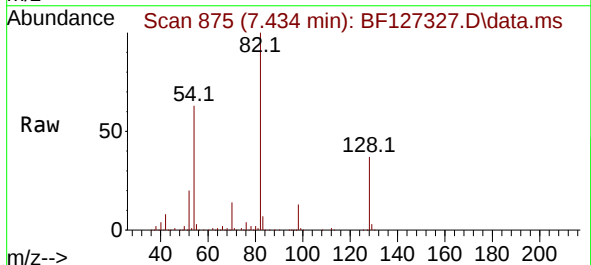
Ion Ratio Lower Upper

70 100

42 54.4 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: 8.151 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF127327.D

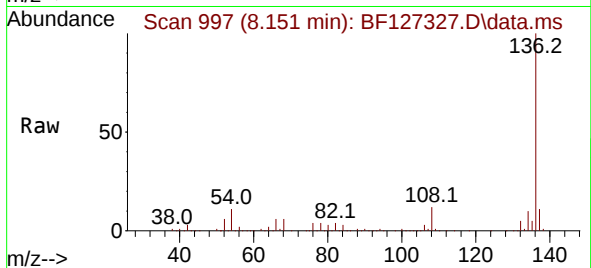
Acq: 15 Mar 2022 16:36

Instrument :

BNA_F

ClientSampleId :

PB143285TB



Tgt Ion:136 Resp: 446537

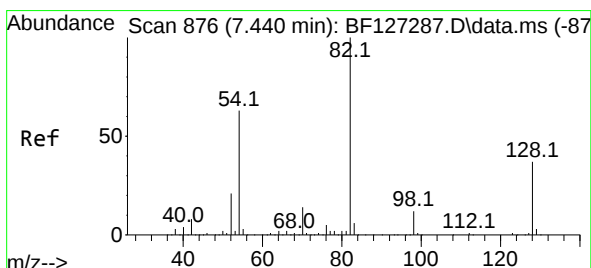
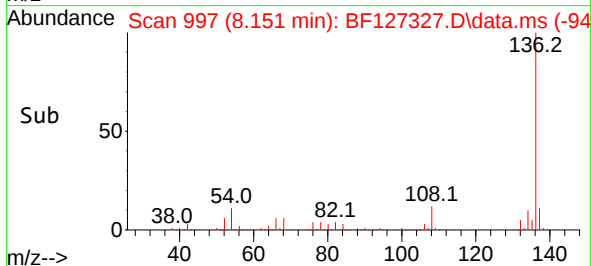
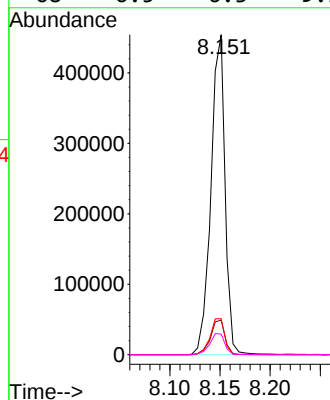
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 11.3 7.8 11.6

68 6.5 6.3 9.5



#23

Nitrobenzene-d5

Concen: 83.981 ng

RT: 7.434 min Scan# 875

Delta R.T. -0.006 min

Lab File: BF127327.D

Acq: 15 Mar 2022 16:36

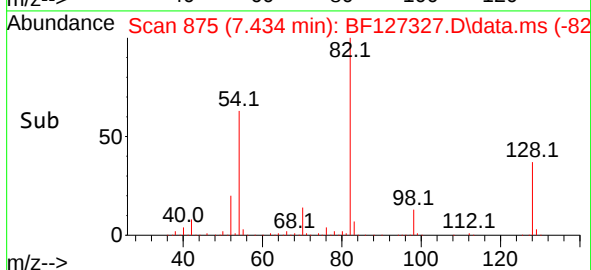
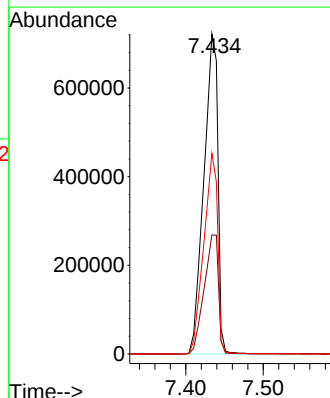
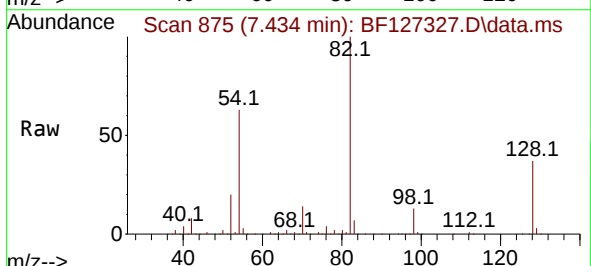
Tgt Ion: 82 Resp: 908051

Ion Ratio Lower Upper

82 100

128 37.2 32.7 49.1

54 62.7 41.7 62.5#

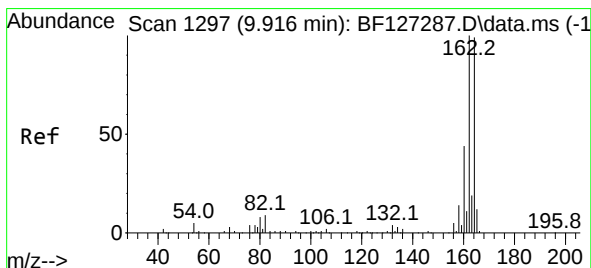
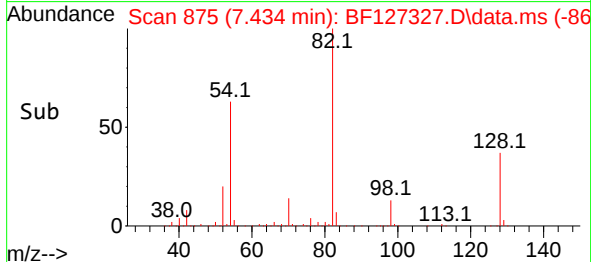
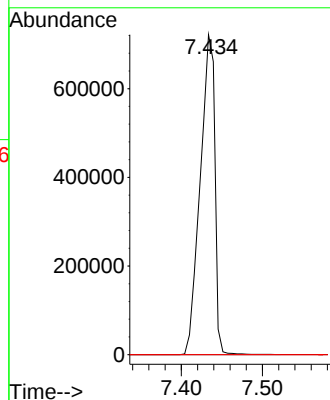
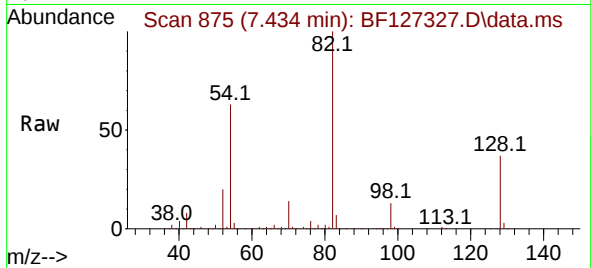




#25
Isophorone
Concen: 52.228 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

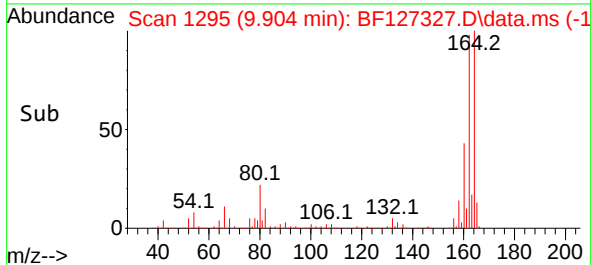
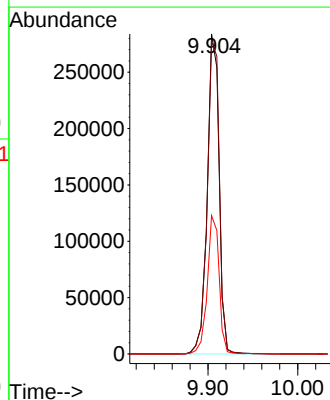
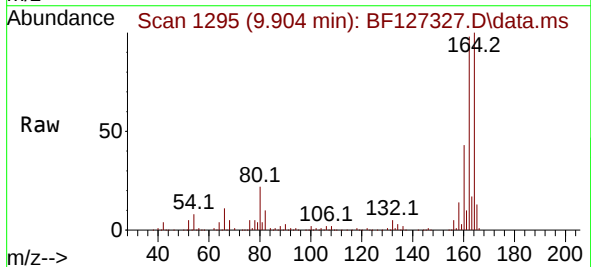
Instrument :
BNA_F
ClientSampleId :
PB143285TB

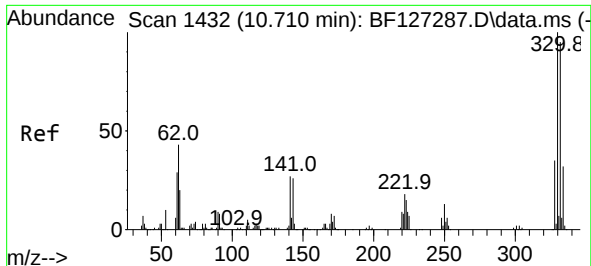
Tgt Ion: 82 Resp: 908046
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

Tgt Ion:164 Resp: 260330
Ion Ratio Lower Upper
164 100
162 97.7 81.4 122.0
160 43.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 126.294 ng

RT: 10.704 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127327.D

Acq: 15 Mar 2022 16:36

Instrument :

BNA_F

ClientSampleId :

PB143285TB

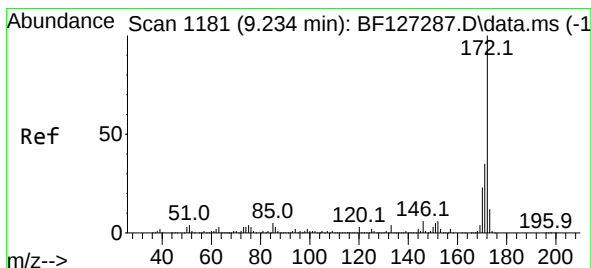
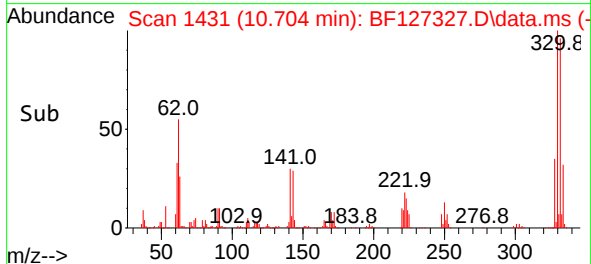
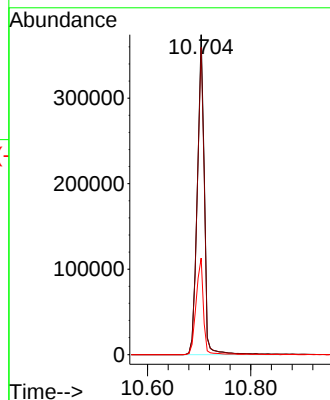
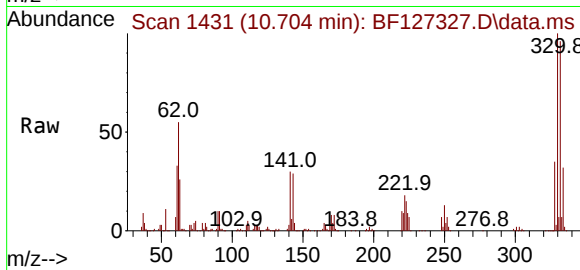
Tgt Ion:330 Resp: 353930

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

141 31.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 83.152 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127327.D

Acq: 15 Mar 2022 16:36

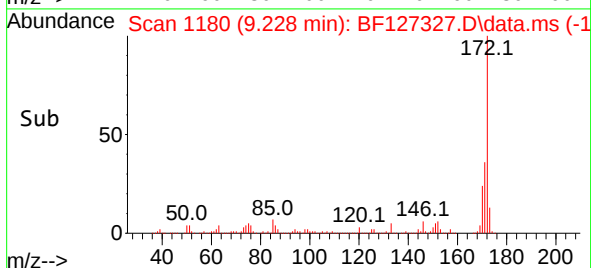
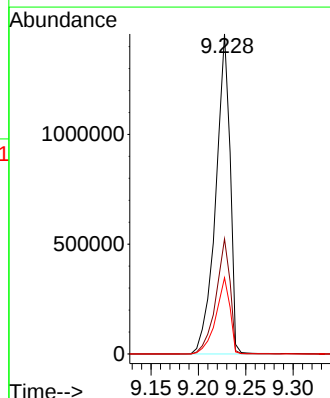
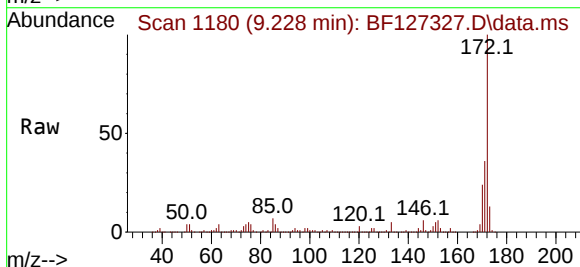
Tgt Ion:172 Resp: 1531124

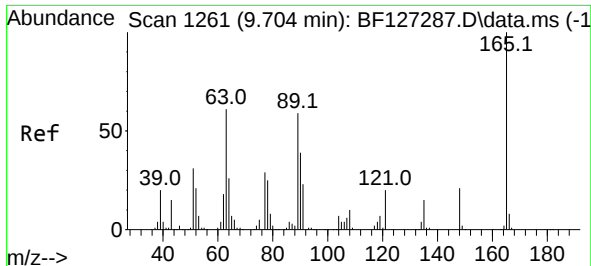
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.8 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.835 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF127327.D

Acq: 15 Mar 2022 16:36

Instrument :

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ClientSampleId :

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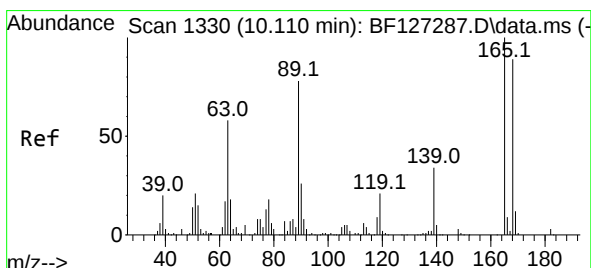
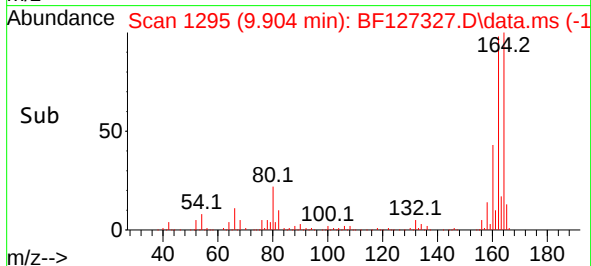
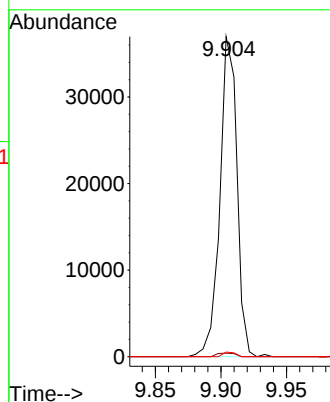
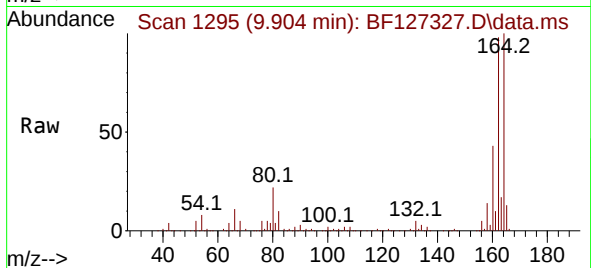
Tgt Ion:165 Resp: 33340

Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 1.4 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.715 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.206 min

Lab File: BF127327.D

Acq: 15 Mar 2022 16:36

Tgt Ion:165 Resp: 33340

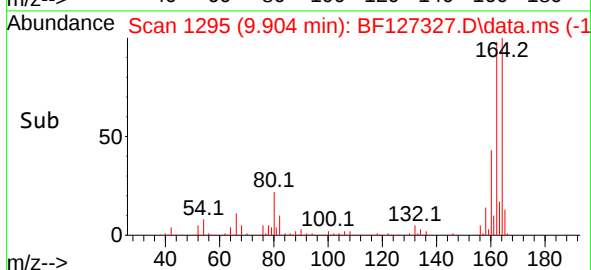
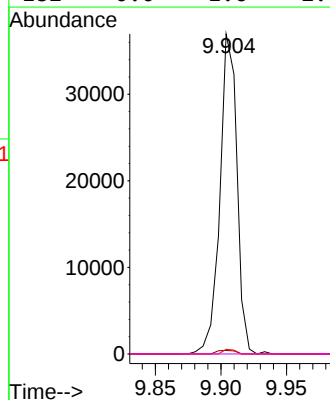
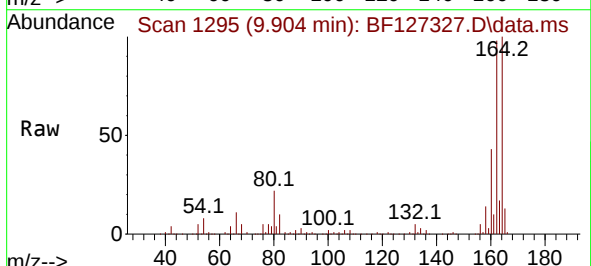
Ion Ratio Lower Upper

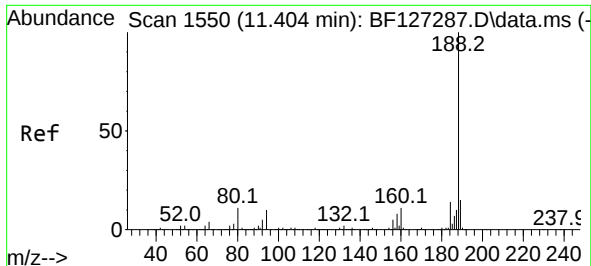
165 100

63 1.1 43.0 64.6#

89 1.4 71.0 106.4#

182 0.0 1.6 2.4#

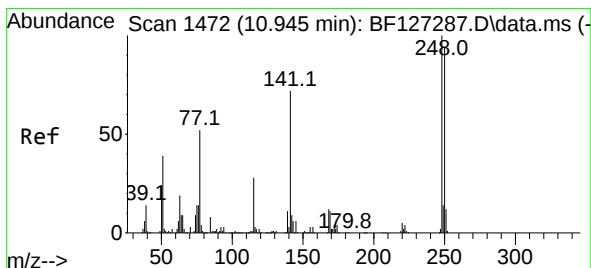
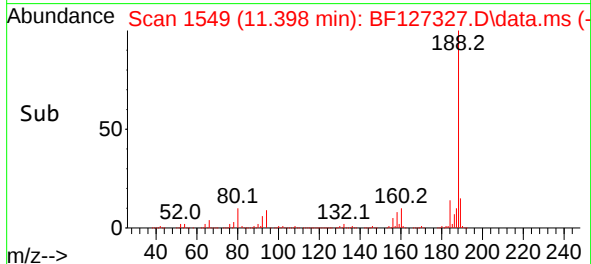
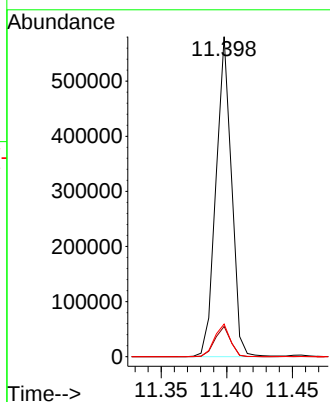
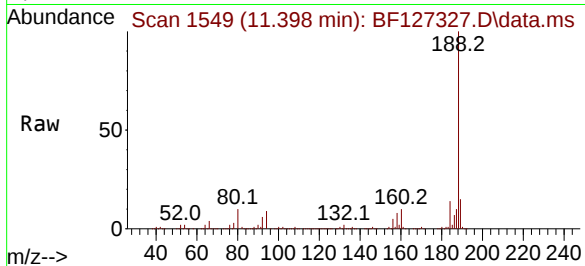




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

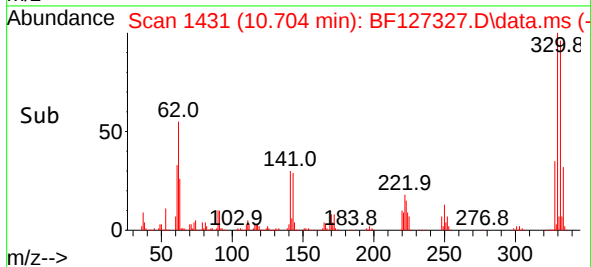
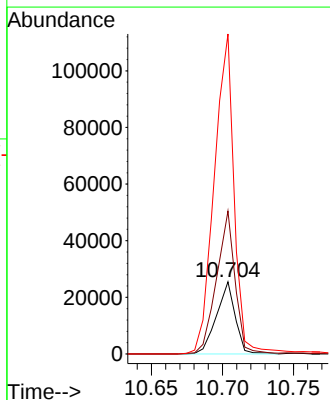
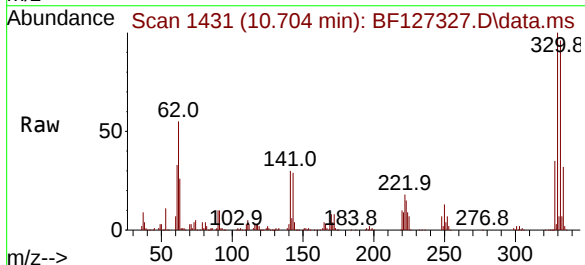
Instrument :
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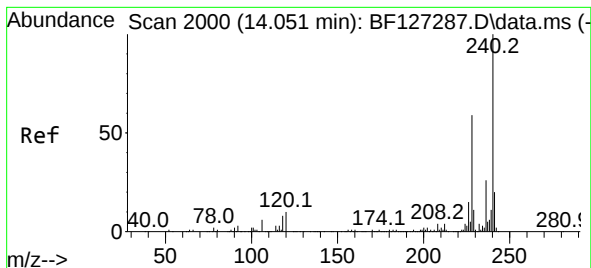
Tgt Ion:188 Resp: 477686
Ion Ratio Lower Upper
188 100
94 9.5 10.1 15.1#
80 10.2 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.070 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

Tgt Ion:248 Resp: 23439
Ion Ratio Lower Upper
248 100
250 197.9 76.2 114.4#
141 443.2 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: BF127327.D

Acq: 15 Mar 2022 16:36

Instrument :

BNA_F

ClientSampleId :

PB143285TB

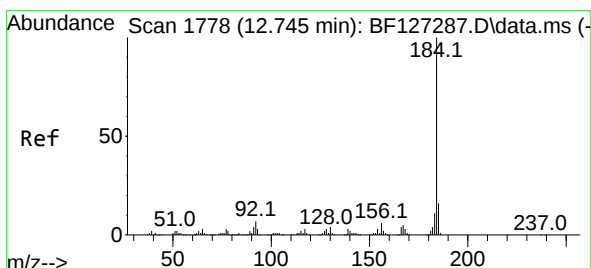
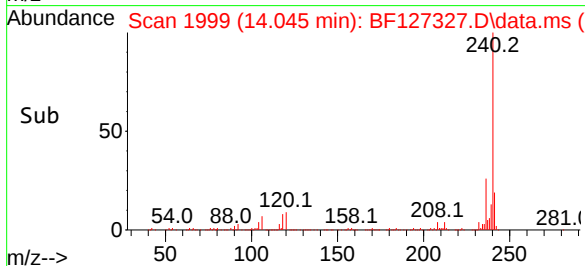
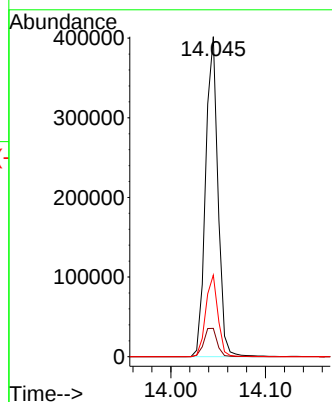
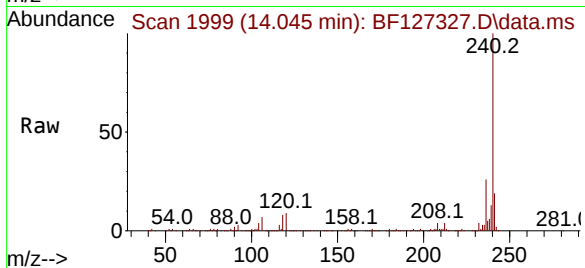
Tgt Ion:240 Resp: 364185

Ion Ratio Lower Upper

240 100

120 8.9 14.4 21.6#

236 25.5 20.5 30.7



#77

Benzidine

Concen: 2.412 ng

RT: 12.992 min Scan# 1820

Delta R.T. 0.247 min

Lab File: BF127327.D

Acq: 15 Mar 2022 16:36

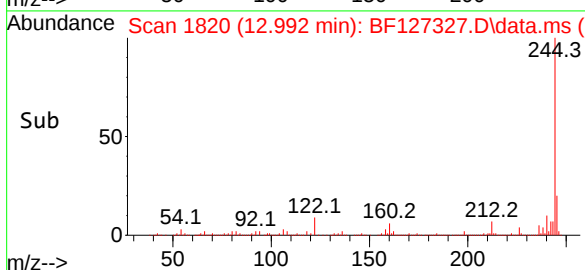
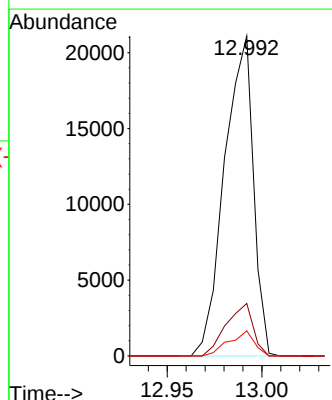
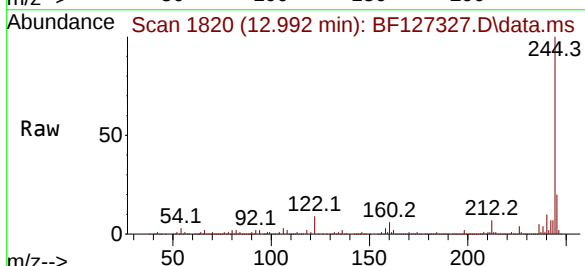
Tgt Ion:184 Resp: 22342

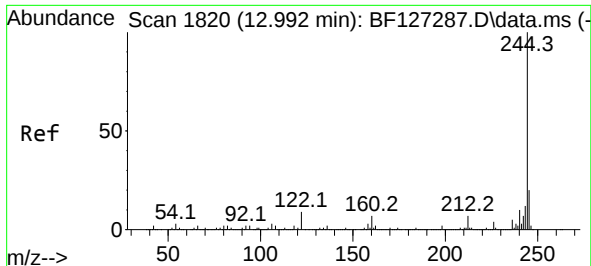
Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.8

183 7.9 8.2 12.2#

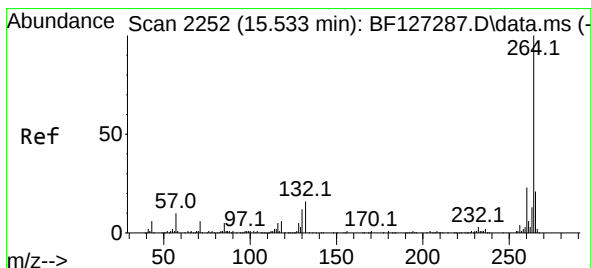
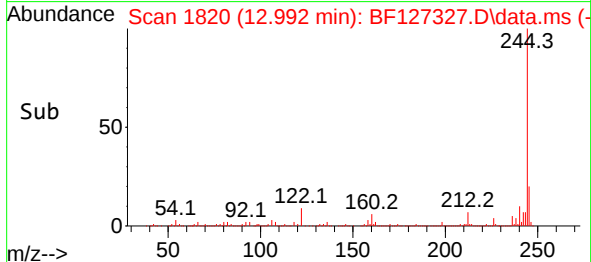
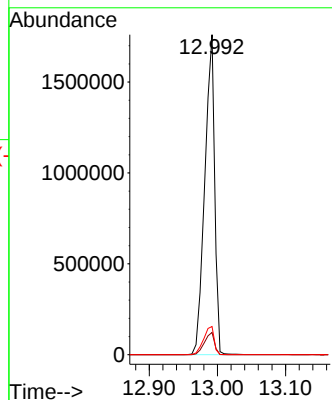
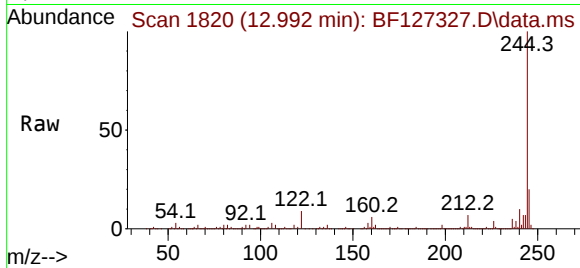




#79
 Terphenyl-d14
 Concen: 83.987 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127327.D
 Acq: 15 Mar 2022 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB143285TB

Tgt Ion:244 Resp: 1776301
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 8.8 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: BF127327.D
 Acq: 15 Mar 2022 16:36

Tgt Ion:264 Resp: 269459
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.8 17.4 26.2

