

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127321.D
 Acq On : 15 Mar 2022 12:40
 Operator : CG\JU
 Sample : PB143267BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143267BL

Quant Time: Mar 15 14:22:28 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)

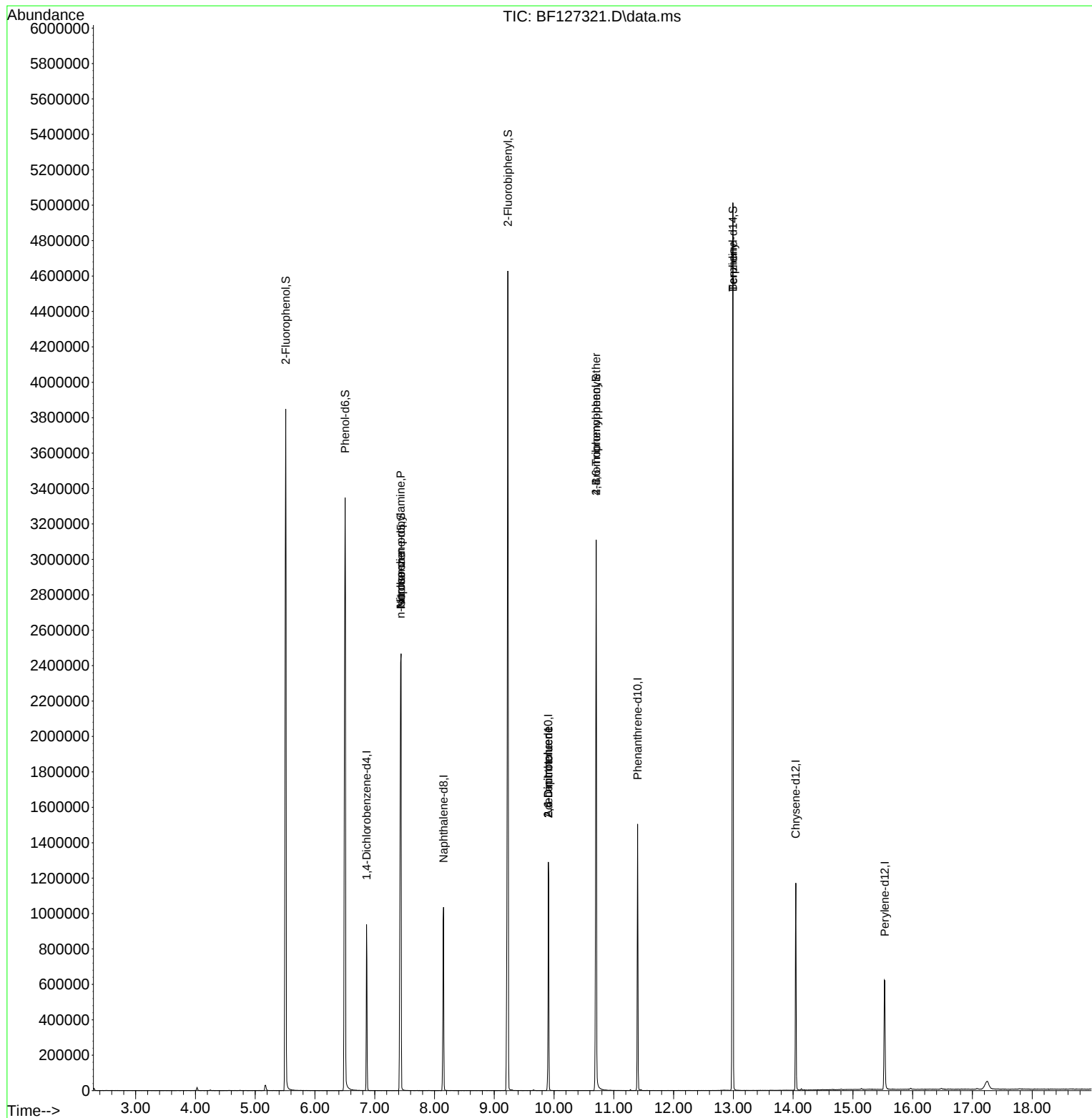
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	131130	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	482527	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	278612	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	504304	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	398373	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	301769	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1104434	135.396	ng	0.02
7) Phenol-d6	6.504	99	1512008	134.745	ng	0.00
23) Nitrobenzene-d5	7.440	82	1084825	92.847	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	426331	142.146	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1767167	89.673	ng	0.00
79) Terphenyl-d14	12.992	244	2113422	91.352	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	2445	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	149164	21.302	ng	# 87
25) Isophorone	7.440	82	1084812	57.741	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	36016	8.918	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	36016	6.778	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	27541	4.530	ng	# 1
77) Benizidine	12.992	184	26009	2.567	ng	# 95

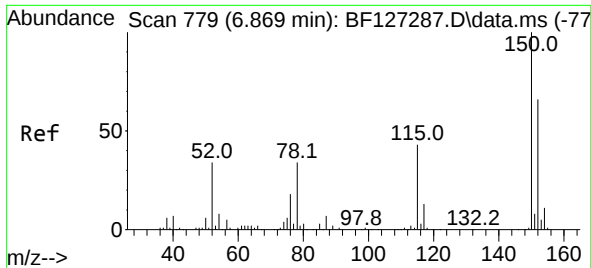
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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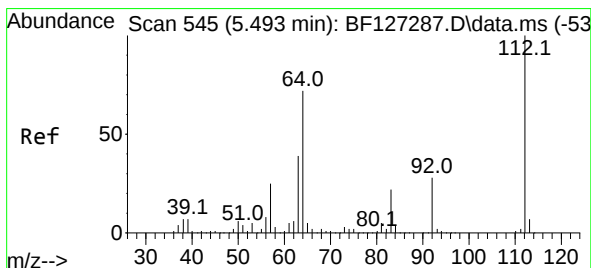
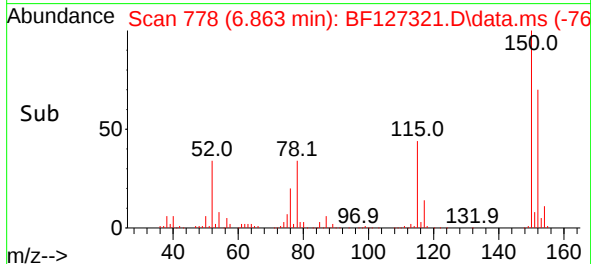
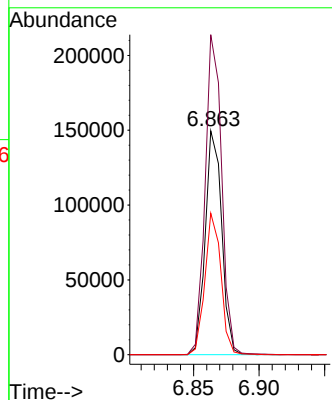
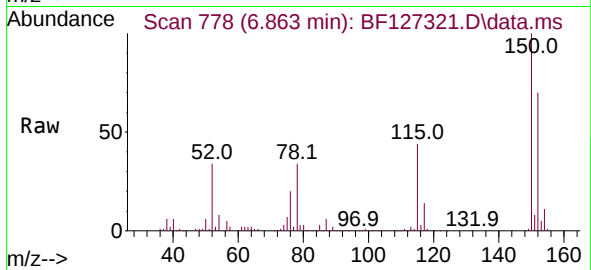




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127321.D
Acq: 15 Mar 2022 12:40

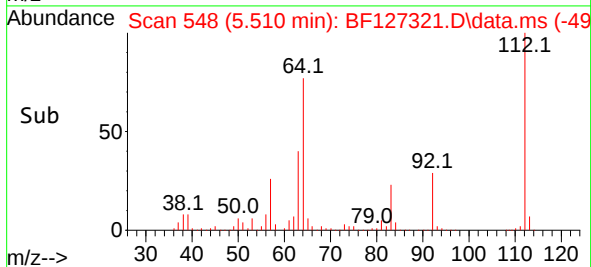
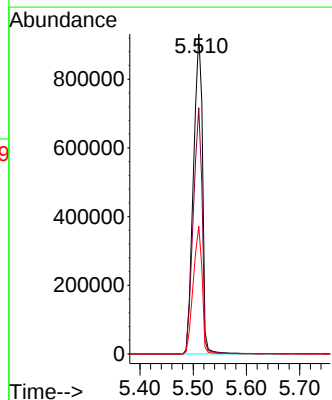
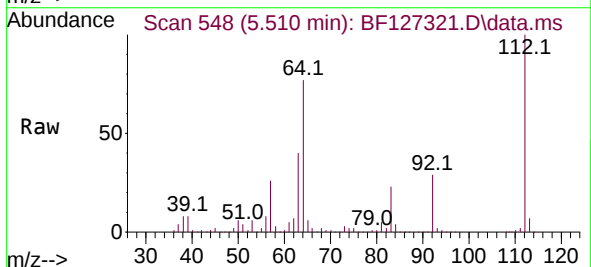
Instrument :
BNA_F
ClientSampleId :
PB143267BL

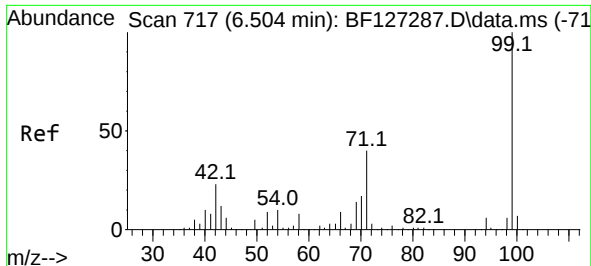
Tgt Ion:152 Resp: 131130
Ion Ratio Lower Upper
152 100
150 143.0 128.1 192.1
115 63.2 56.7 85.1



#5
2-Fluorophenol
Concen: 135.396 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.018 min
Lab File: BF127321.D
Acq: 15 Mar 2022 12:40

Tgt Ion:112 Resp: 1104434
Ion Ratio Lower Upper
112 100
64 76.9 49.5 74.3#
63 40.0 23.9 35.9#



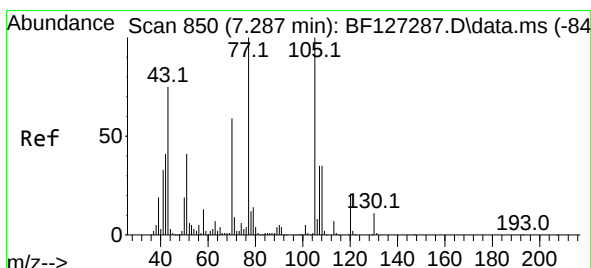
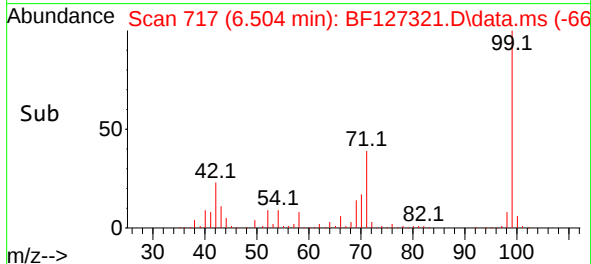
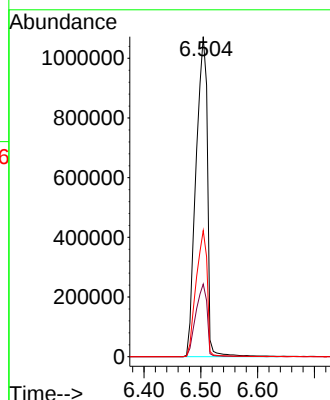
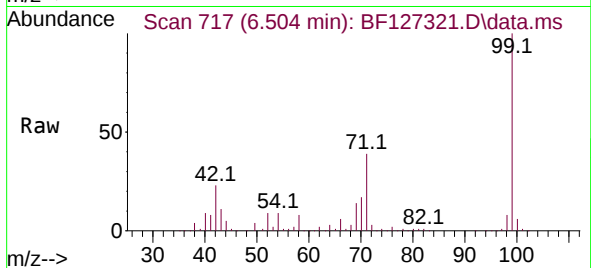


#7
Phenol-d6
Concen: 134.745 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127321.D
Acq: 15 Mar 2022 12:40

Instrument :
BNA_F
ClientSampleId :
PB143267BL

Tgt Ion: 99 Resp: 1512008

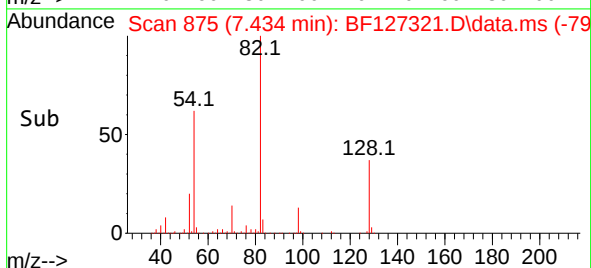
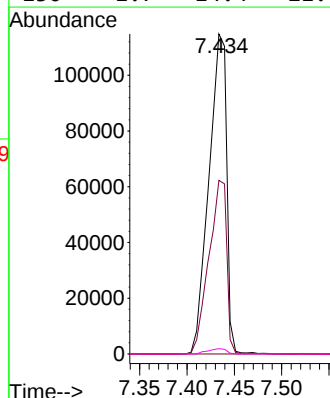
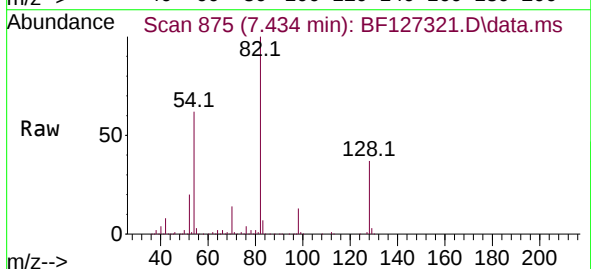
Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.2	21.4#
71	39.4	24.3	36.5#

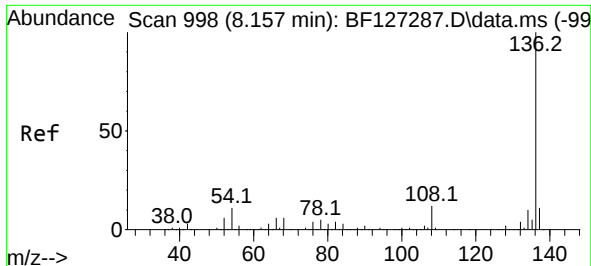


#19
n-Nitroso-di-n-propylamine
Concen: 21.302 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127321.D
Acq: 15 Mar 2022 12:40

Tgt Ion: 70 Resp: 149164

Ion	Ratio	Lower	Upper
70	100		
42	54.2	45.8	68.8
101	0.0	6.9	10.3#
130	1.7	14.4	21.6#



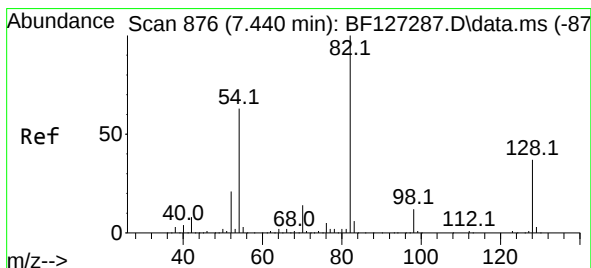
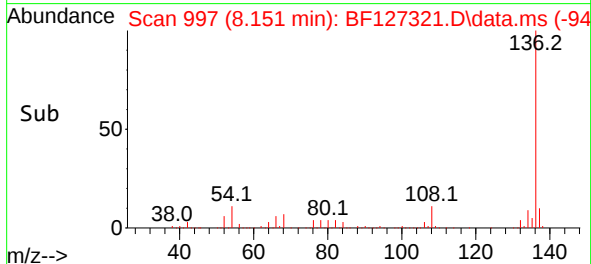
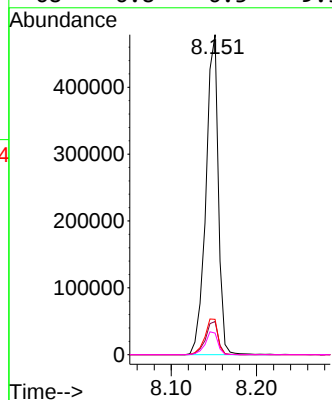
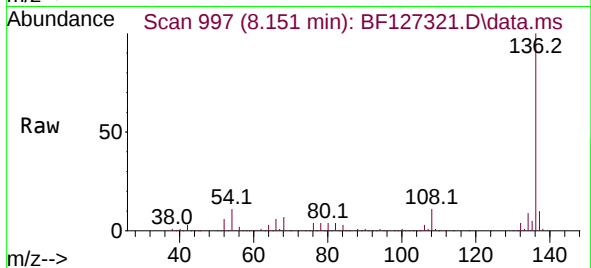


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127321.D
Acq: 15 Mar 2022 12:40

Instrument :
BNA_F
ClientSampleId :
PB143267BL

Tgt Ion:136 Resp: 482527

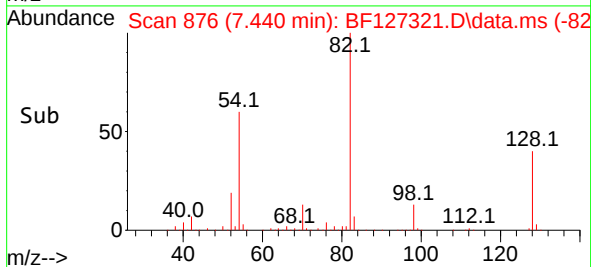
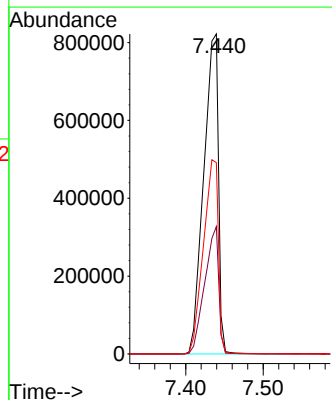
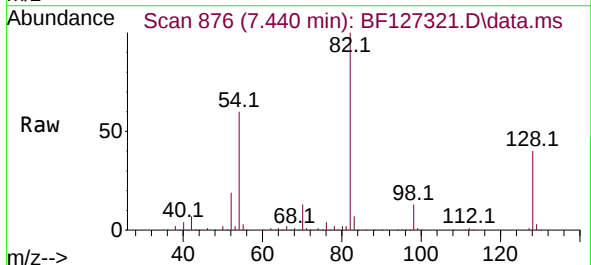
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	11.1	7.8	11.6
68	6.8	6.3	9.5

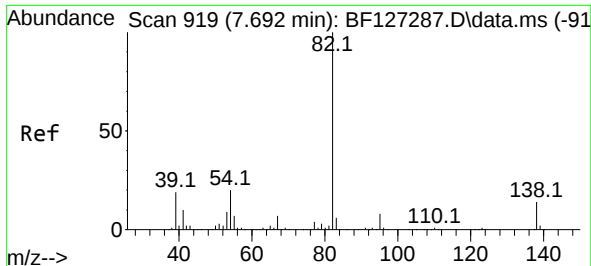


#23
Nitrobenzene-d5
Concen: 92.847 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF127321.D
Acq: 15 Mar 2022 12:40

Tgt Ion: 82 Resp: 1084825

Ion	Ratio	Lower	Upper
82	100		
128	39.8	32.7	49.1
54	59.8	41.7	62.5

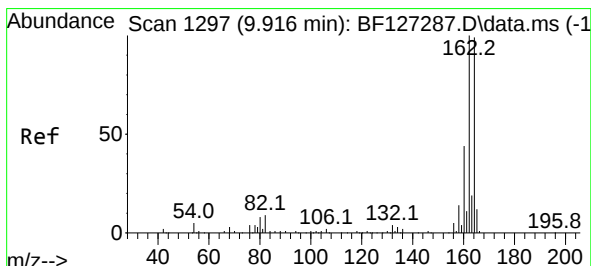
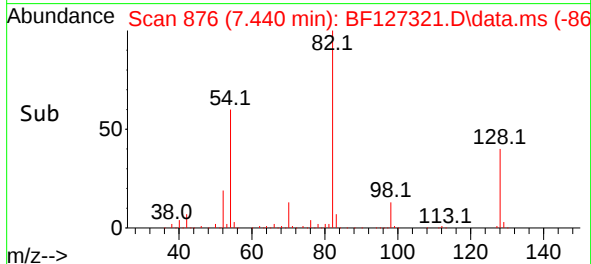
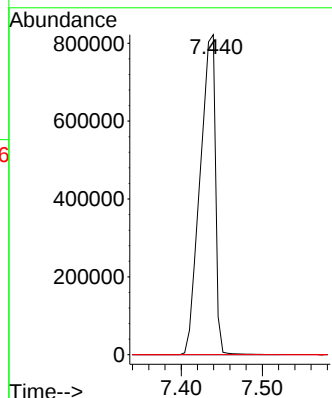
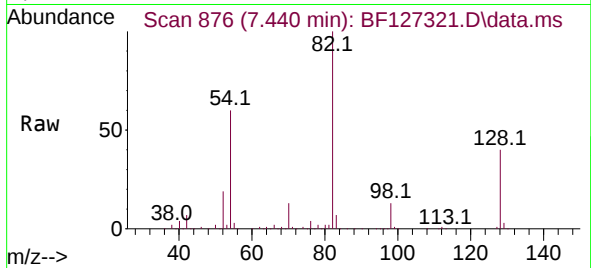




#25
Isophorone
Concen: 57.741 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF127321.D
Acq: 15 Mar 2022 12:40

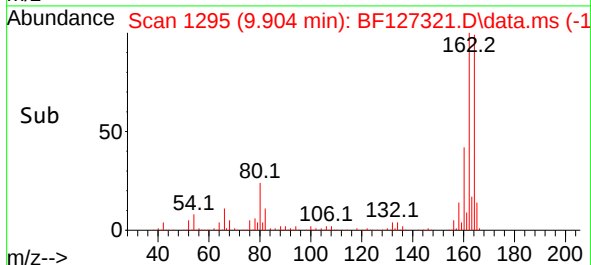
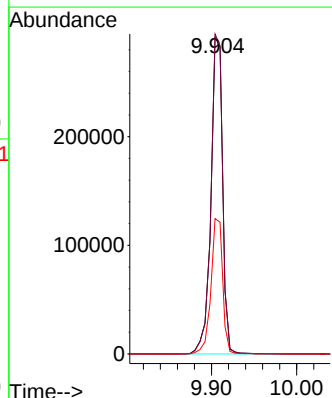
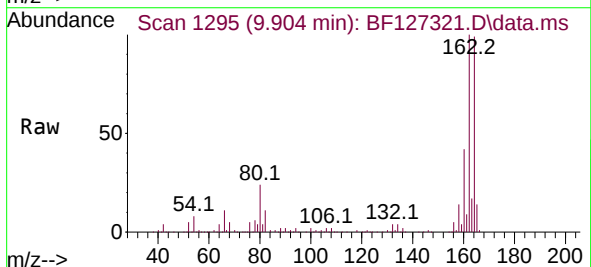
Instrument :
BNA_F
ClientSampleId :
PB143267BL

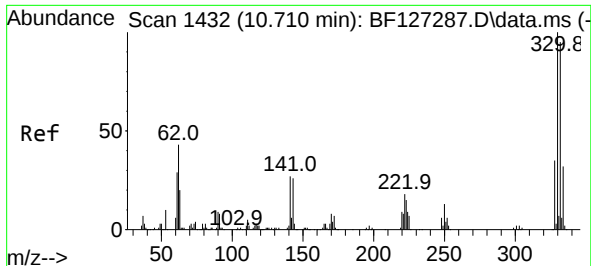
Tgt Ion: 82 Resp: 1084812
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127321.D
Acq: 15 Mar 2022 12:40

Tgt Ion:164 Resp: 278612
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 42.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 142.146 ng

RT: 10.704 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127321.D

Acq: 15 Mar 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB143267BL

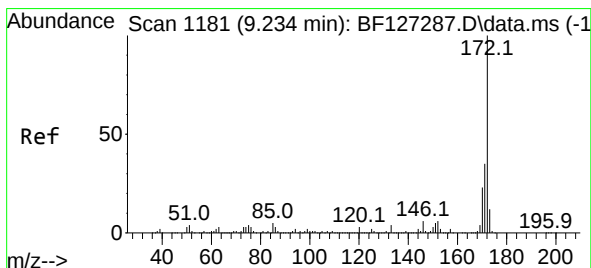
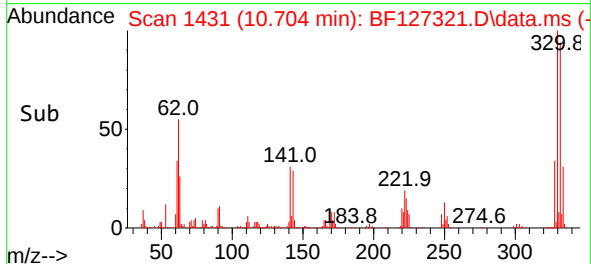
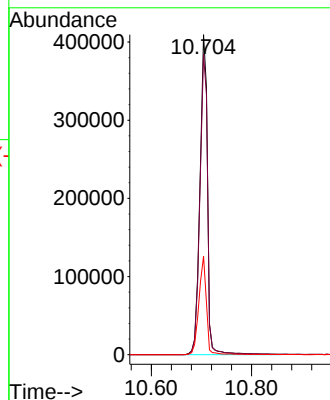
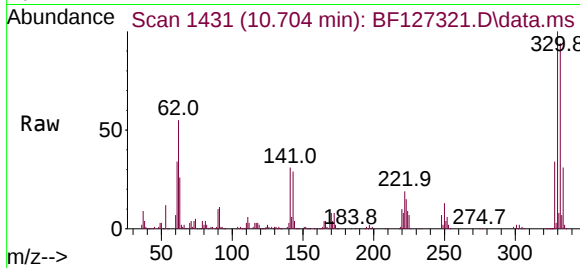
Tgt Ion:330 Resp: 426331

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 30.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 89.673 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127321.D

Acq: 15 Mar 2022 12:40

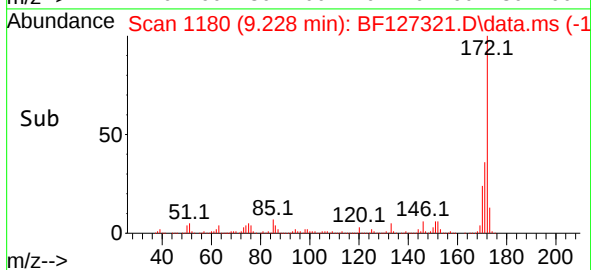
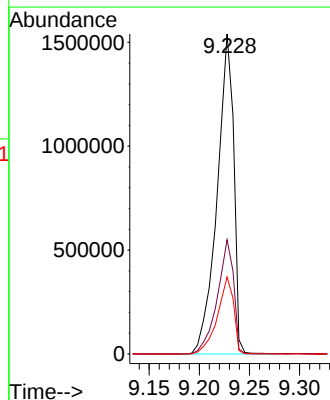
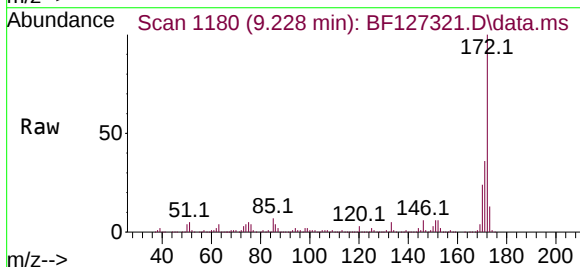
Tgt Ion:172 Resp: 1767167

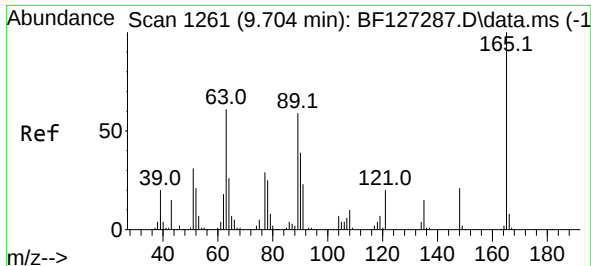
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 24.0 19.0 28.6

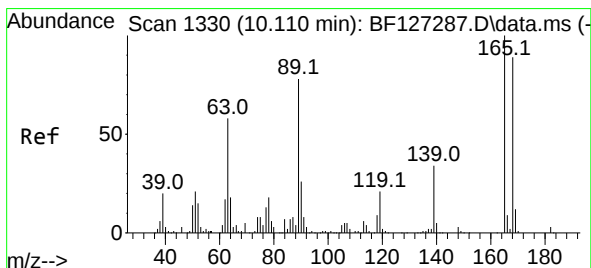
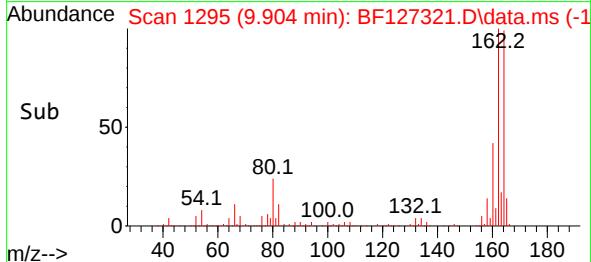
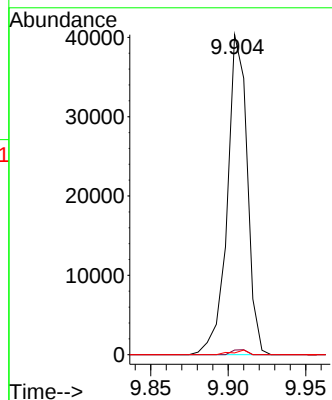
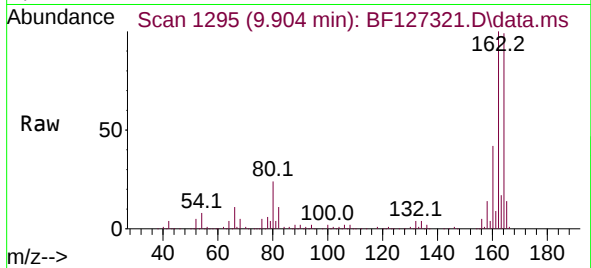




#51
2,6-Dinitrotoluene
Concen: 8.918 ng
RT: 9.904 min Scan# 1261
Delta R.T. 0.200 min
Lab File: BF127321.D
Acq: 15 Mar 2022 12:40

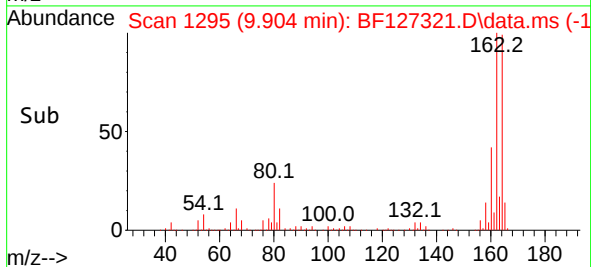
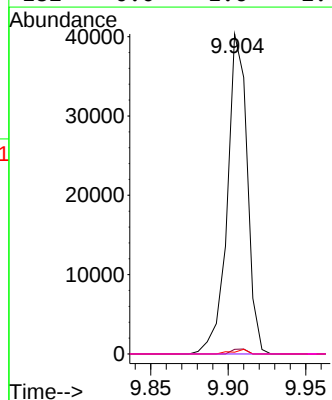
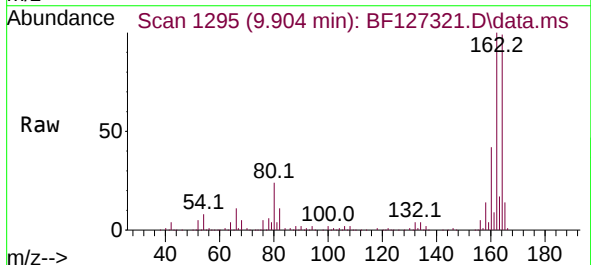
Instrument :
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PB143267BL

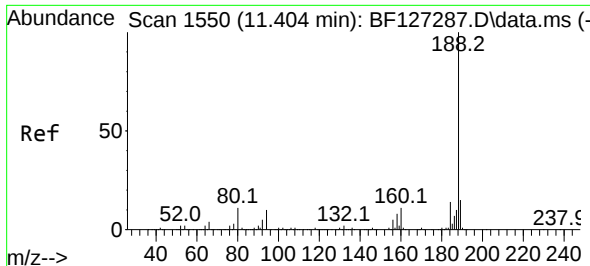
Tgt Ion:165 Resp: 36016
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 0.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.778 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127321.D
Acq: 15 Mar 2022 12:40

Tgt Ion:165 Resp: 36016
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 0.5 71.0 106.4#
182 0.0 1.6 2.4#

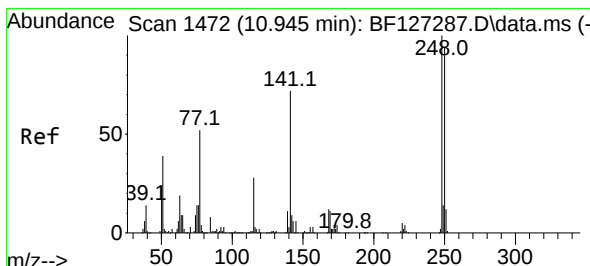
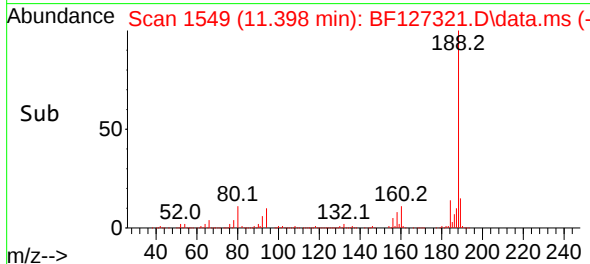
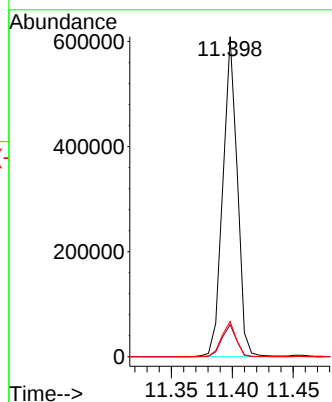
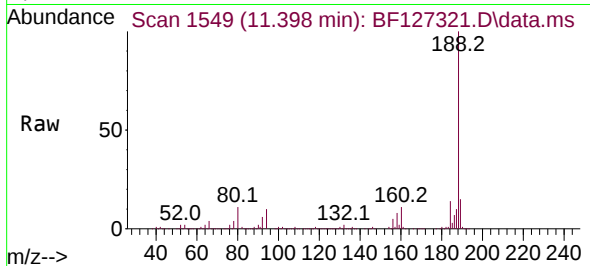




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127321.D
Acq: 15 Mar 2022 12:40

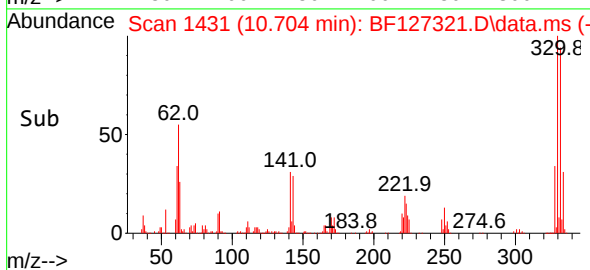
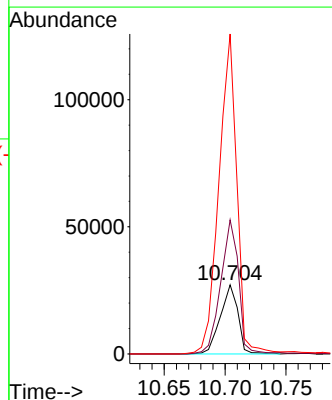
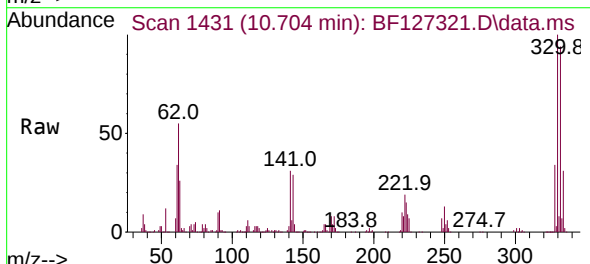
Instrument :
BNA_F
ClientSampleId :
PB143267BL

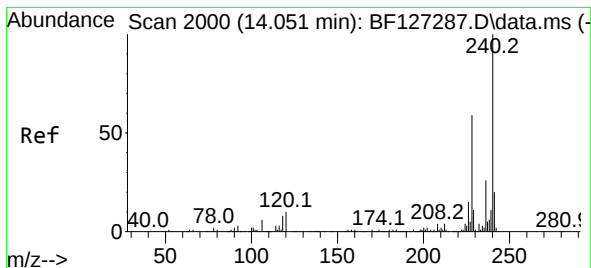
Tgt Ion:188 Resp: 504304
Ion Ratio Lower Upper
188 100
94 10.0 10.1 15.1#
80 11.0 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.530 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF127321.D
Acq: 15 Mar 2022 12:40

Tgt Ion:248 Resp: 27541
Ion Ratio Lower Upper
248 100
250 194.0 76.2 114.4#
141 463.2 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1820

Delta R.T. -0.006 min

Lab File: BF127321.D

Acq: 15 Mar 2022 12:40

Instrument :

BNA_F

ClientSampleId :

PB143267BL

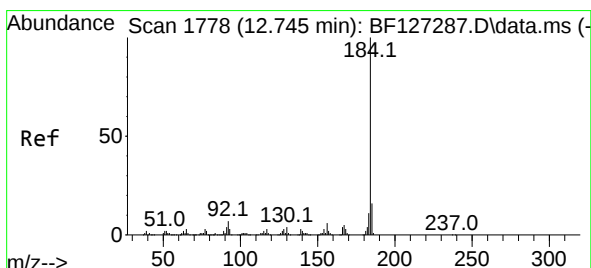
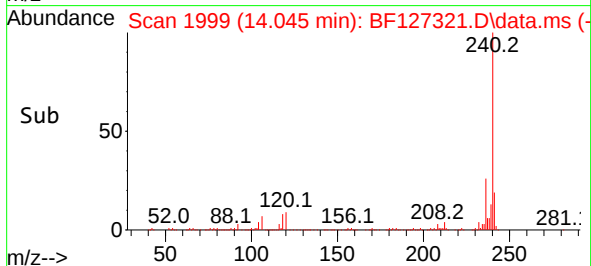
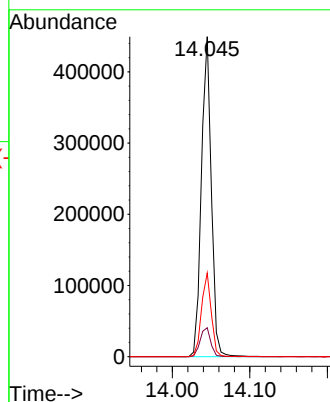
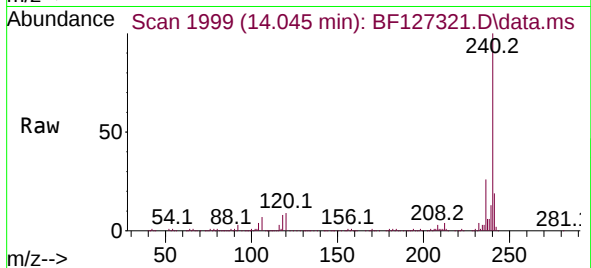
Tgt Ion:240 Resp: 398373

Ion Ratio Lower Upper

240 100

120 9.0 14.4 21.6#

236 26.1 20.5 30.7



#77

Benzidine

Concen: 2.567 ng

RT: 12.992 min Scan# 1820

Delta R.T. 0.247 min

Lab File: BF127321.D

Acq: 15 Mar 2022 12:40

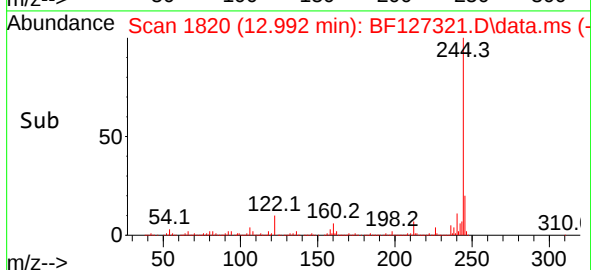
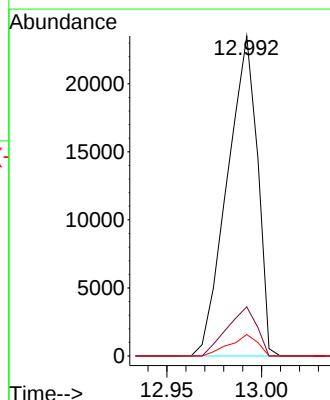
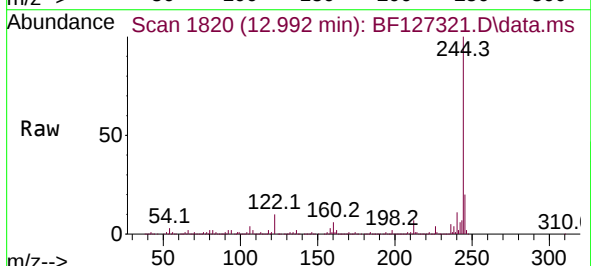
Tgt Ion:184 Resp: 26009

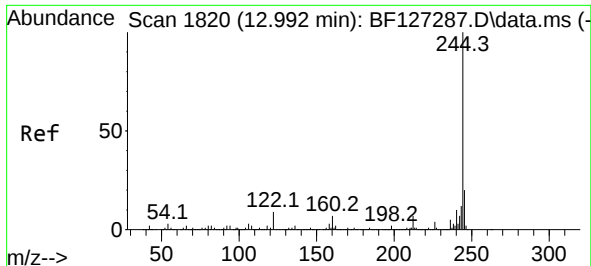
Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.8

183 6.7 8.2 12.2#

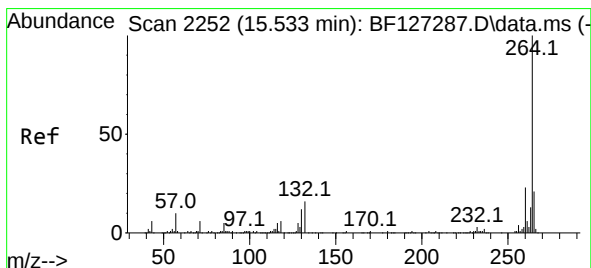
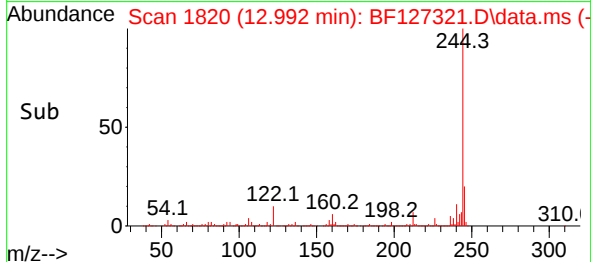
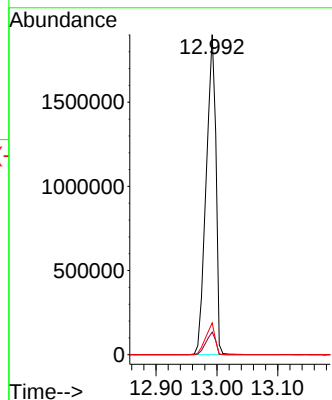
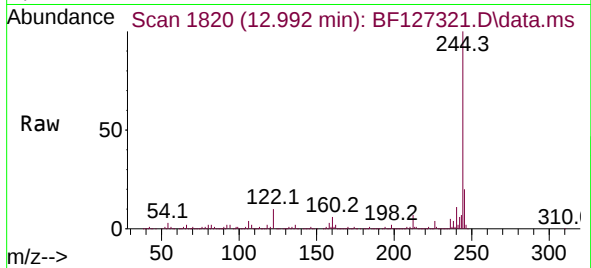




#79
 Terphenyl-d14
 Concen: 91.352 ng
 RT: 12.992 min Scan# 1820
 Delta R.T. -0.000 min
 Lab File: BF127321.D
 Acq: 15 Mar 2022 12:40

Instrument :
 BNA_F
 ClientSampleId :
 PB143267BL

Tgt Ion:244 Resp: 2113422
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 10.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.000 min
 Lab File: BF127321.D
 Acq: 15 Mar 2022 12:40

Tgt Ion:264 Resp: 301769
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.2 17.4 26.2

