

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127363.D
 Acq On : 16 Mar 2022 22:52
 Operator : CG\JU
 Sample : N1951-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-27-(22-25)-3-12-22

Quant Time: Mar 17 02:37:01 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)

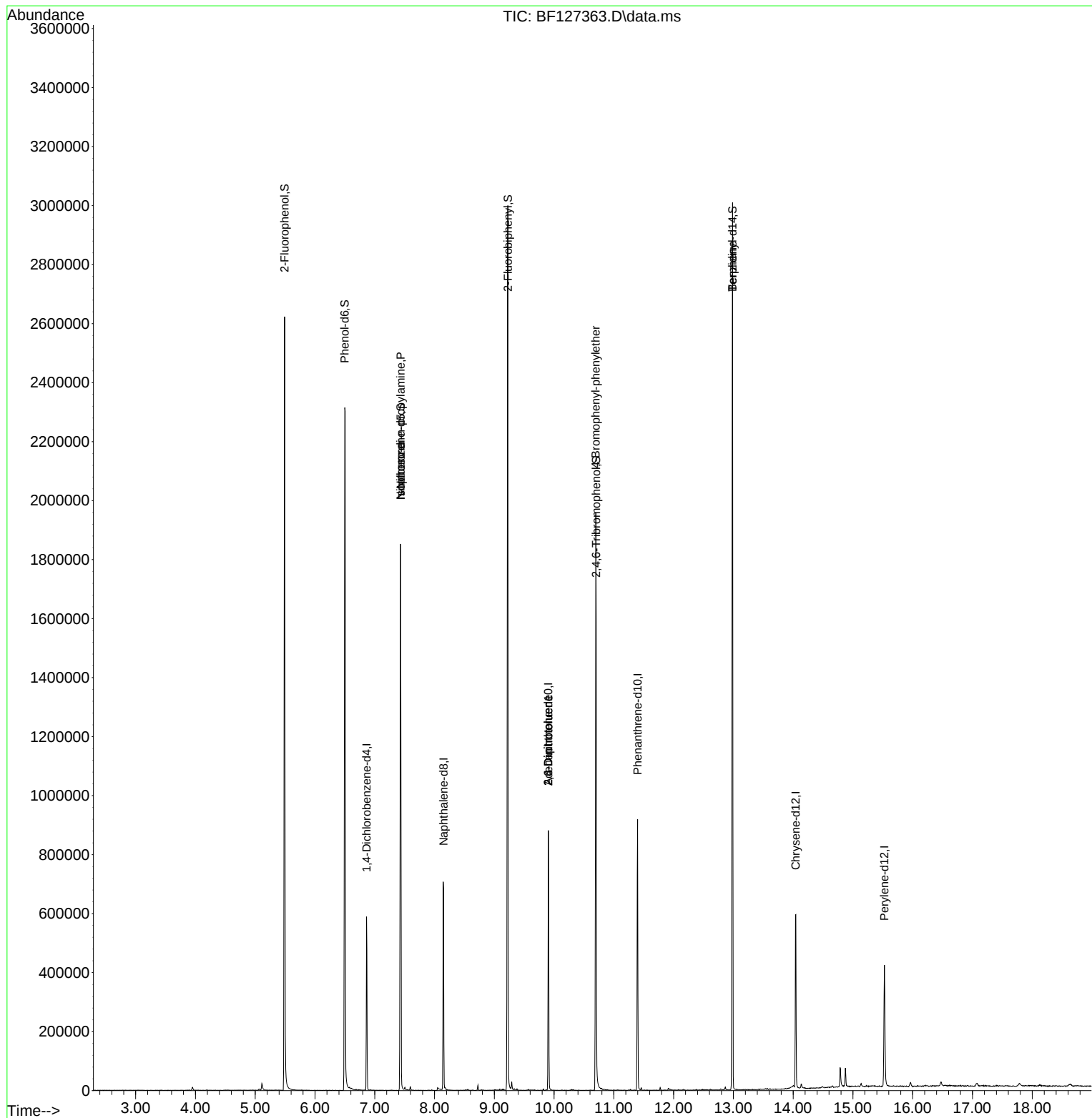
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80190	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	289671	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	175145	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	320844	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	217344	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	192524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	619855	124.262	ng	0.00
7) Phenol-d6	6.498	99	847899	123.561	ng	0.00
23) Nitrobenzene-d5	7.434	82	574869	81.959	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	236520	125.447	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	965728	77.955	ng	0.00
79) Terphenyl-d14	12.986	244	1064048	84.301	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	1568	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	77455	18.088	ng	# 86
25) Isophorone	7.434	82	574862	50.969	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	21340	8.406	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	21340	6.389	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	15615	4.037	ng	# 1
77) Benzidine	12.986	184	12969	2.346	ng	# 96

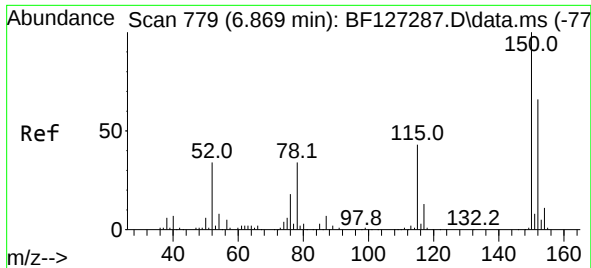
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
Data File : BF127363.D
Acq On : 16 Mar 2022 22:52
Operator : CG\JU
Sample : N1951-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DB-27-(22-25)-3-12-22

Quant Time: Mar 17 02:37:01 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

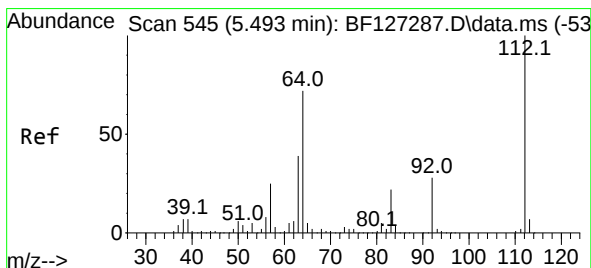
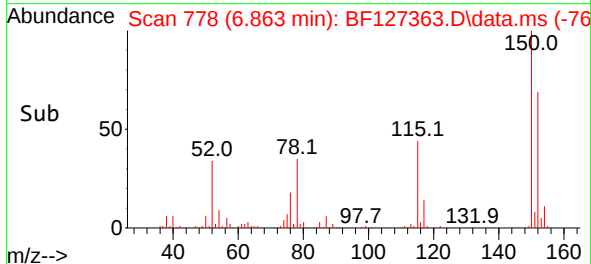
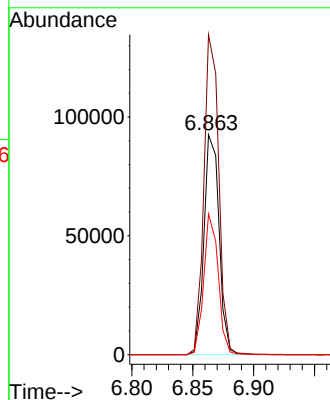
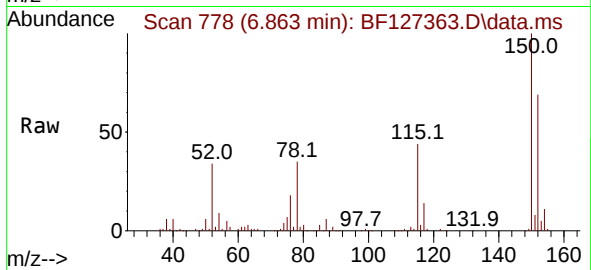




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127363.D
Acq: 16 Mar 2022 22:52

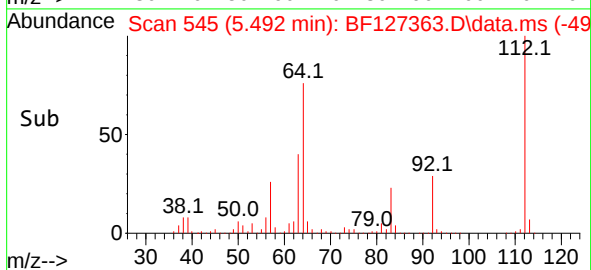
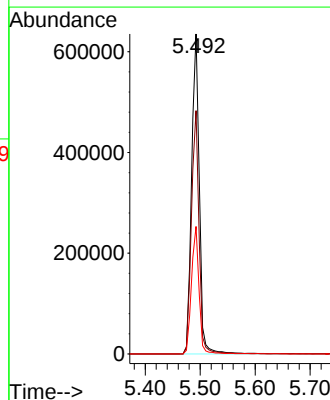
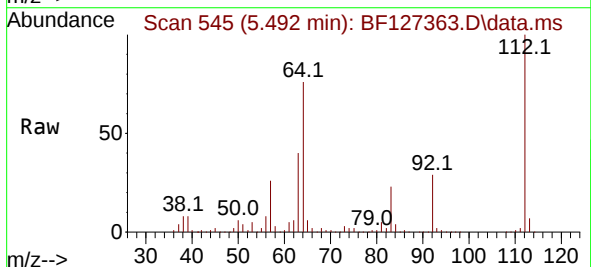
Instrument :
BNA_F
ClientSampleId :
DB-27-(22-25)-3-12-22

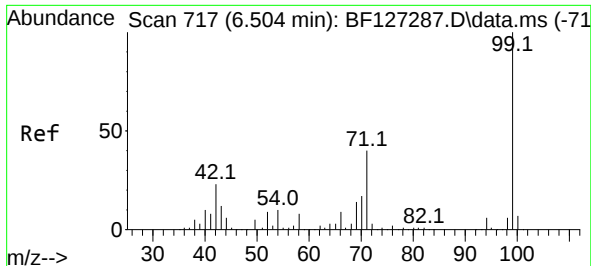
Tgt Ion:152 Resp: 80190
Ion Ratio Lower Upper
152 100
150 145.5 128.1 192.1
115 64.1 56.7 85.1



#5
2-Fluorophenol
Concen: 124.262 ng
RT: 5.492 min Scan# 545
Delta R.T. -0.000 min
Lab File: BF127363.D
Acq: 16 Mar 2022 22:52

Tgt Ion:112 Resp: 619855
Ion Ratio Lower Upper
112 100
64 76.1 49.5 74.3#
63 39.9 23.9 35.9#

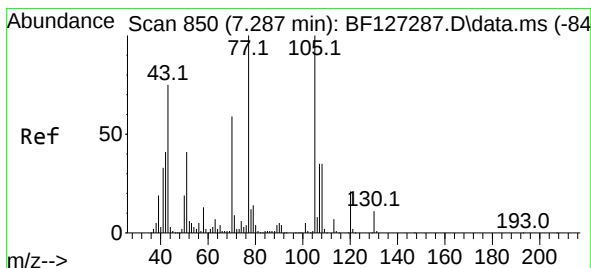
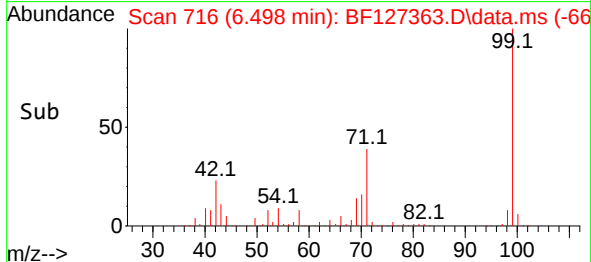
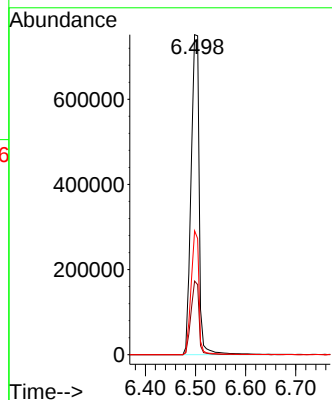
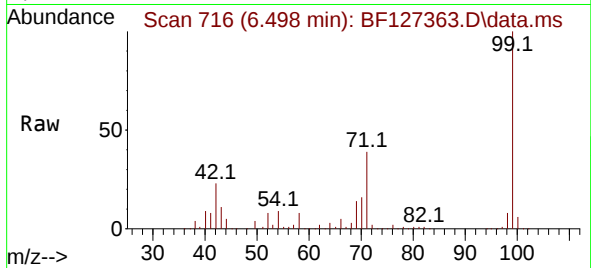




#7
Phenol-d6
Concen: 123.561 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF127363.D
Acq: 16 Mar 2022 22:52

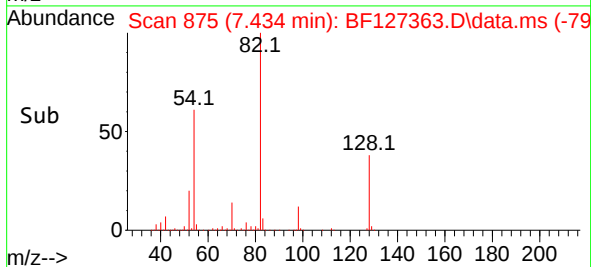
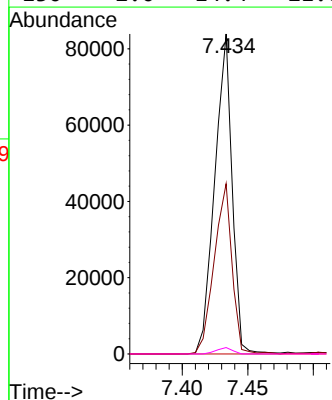
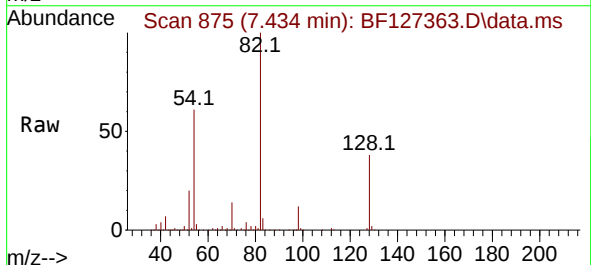
Instrument :
BNA_F
ClientSampleId :
DB-27-(22-25)-3-12-22

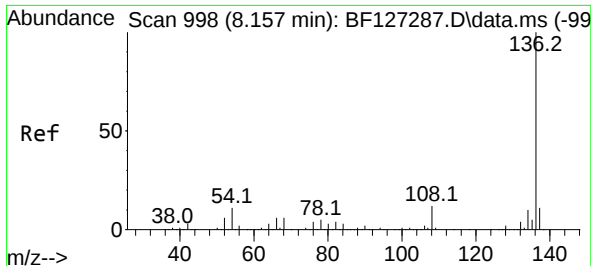
Tgt Ion: 99 Resp: 847899
Ion Ratio Lower Upper
99 100
42 23.0 14.2 21.4#
71 38.7 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.088 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127363.D
Acq: 16 Mar 2022 22:52

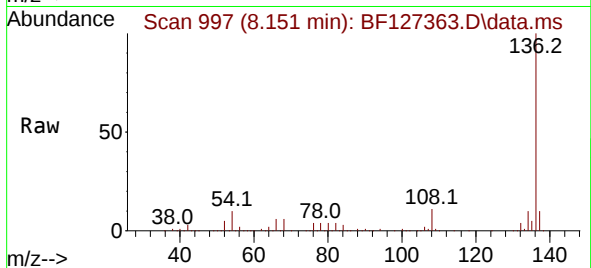
Tgt Ion: 70 Resp: 77455
Ion Ratio Lower Upper
70 100
42 53.2 45.8 68.8
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#



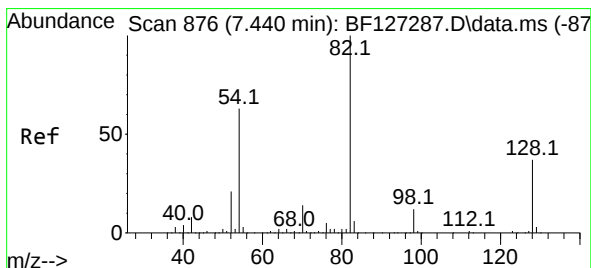
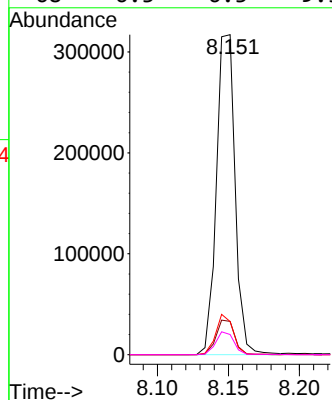
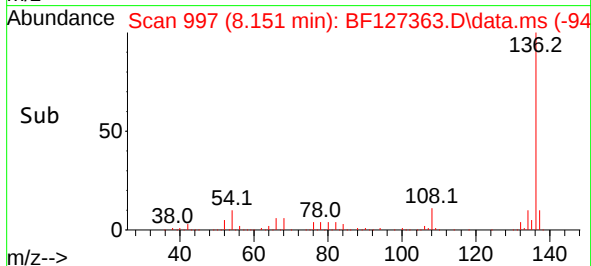


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127363.D
Acq: 16 Mar 2022 22:52

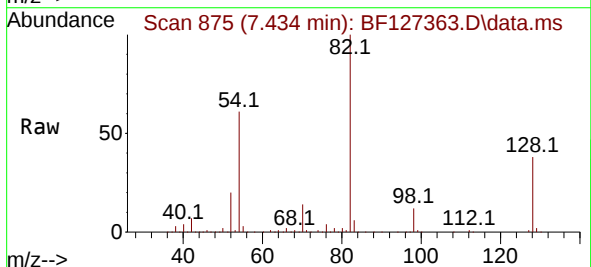
Instrument :
BNA_F
ClientSampleId :
DB-27-(22-25)-3-12-22



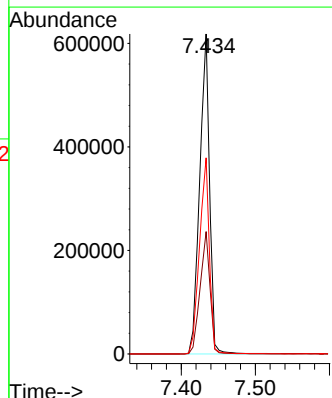
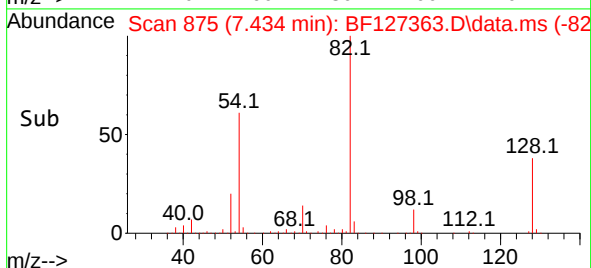
Tgt Ion:136 Resp: 289671
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 10.4 7.8 11.6
68 6.3 6.3 9.5#

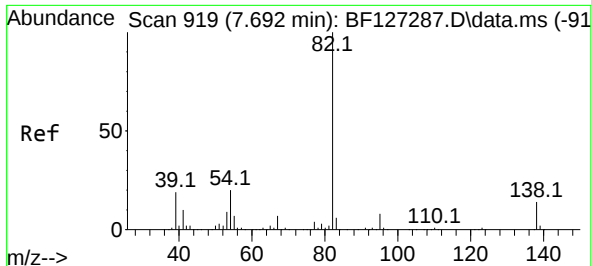


#23
Nitrobenzene-d5
Concen: 81.959 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127363.D
Acq: 16 Mar 2022 22:52



Tgt Ion: 82 Resp: 574869
Ion Ratio Lower Upper
82 100
128 38.3 32.7 49.1
54 61.3 41.7 62.5

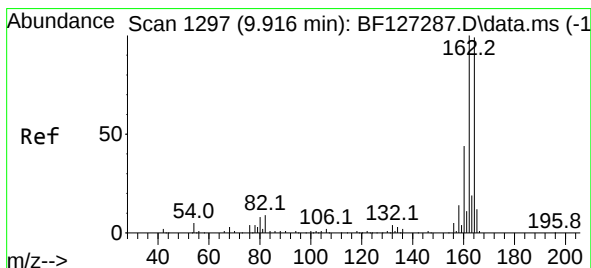
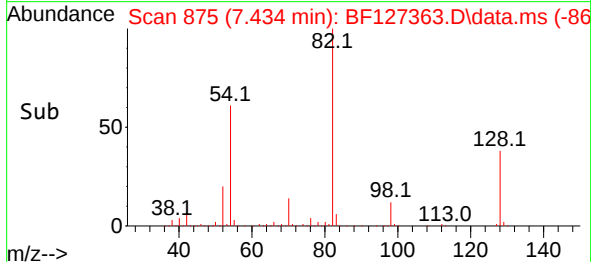
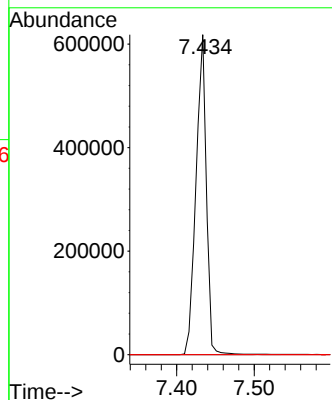
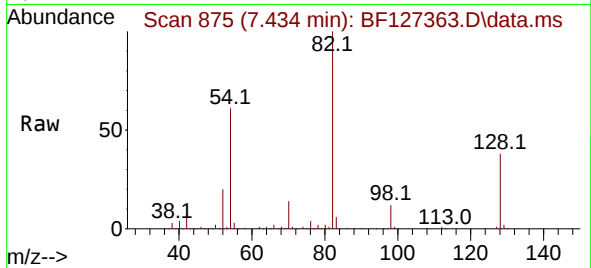




#25
Isophorone
Concen: 50.969 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127363.D
Acq: 16 Mar 2022 22:52

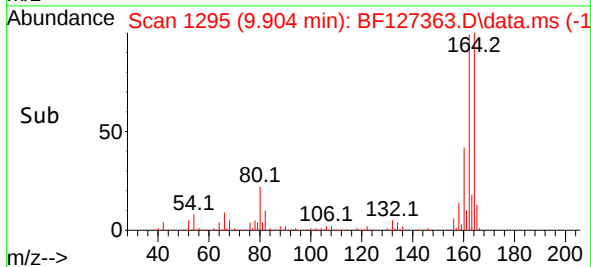
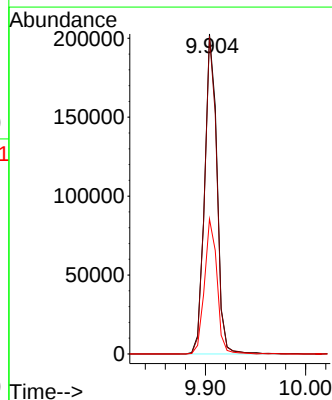
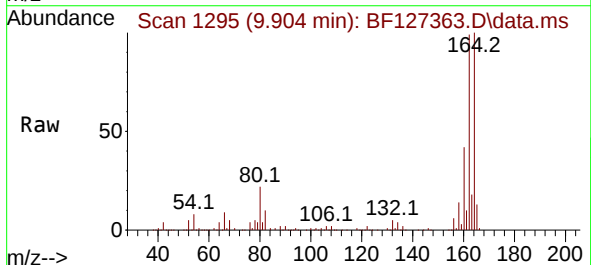
Instrument :
BNA_F
ClientSampleId :
DB-27-(22-25)-3-12-22

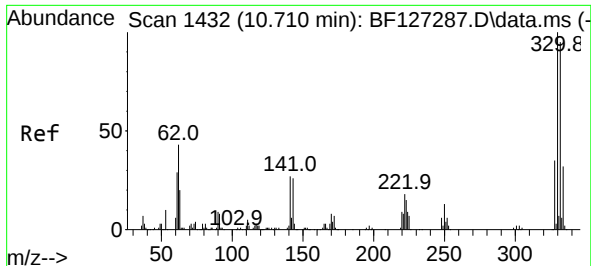
Tgt Ion: 82 Resp: 574862
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127363.D
Acq: 16 Mar 2022 22:52

Tgt Ion: 164 Resp: 175145
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 42.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 125.447 ng

RT: 10.704 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127363.D

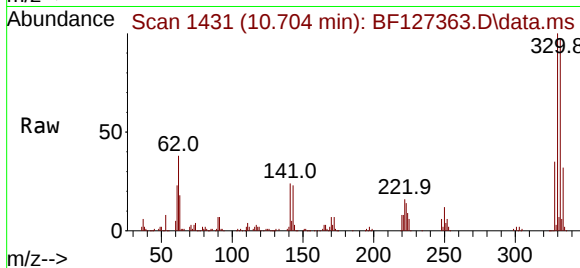
Acq: 16 Mar 2022 22:52

Instrument :

BNA_F

ClientSampleId :

DB-27-(22-25)-3-12-22



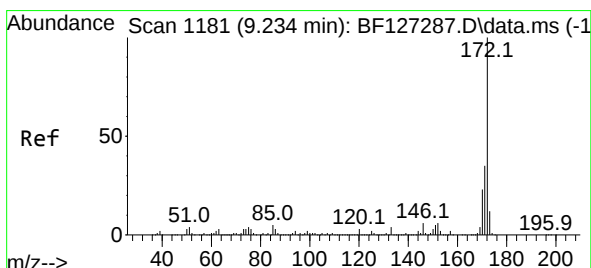
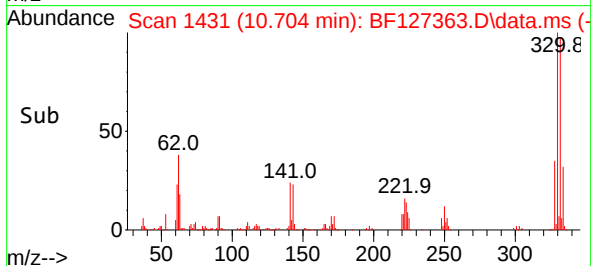
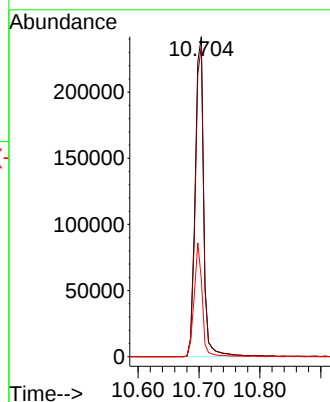
Tgt Ion:330 Resp: 236520

Ion Ratio Lower Upper

330 100

332 95.8 76.0 114.0

141 33.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 77.955 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127363.D

Acq: 16 Mar 2022 22:52

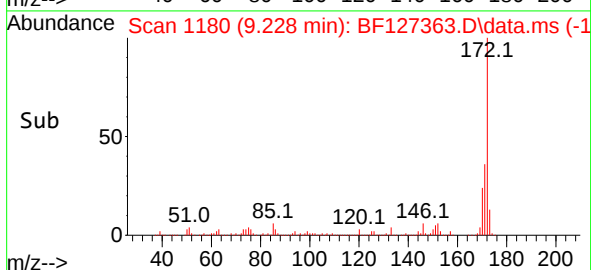
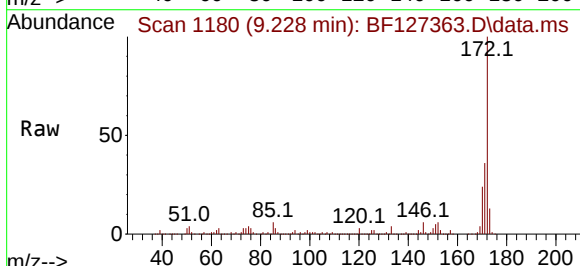
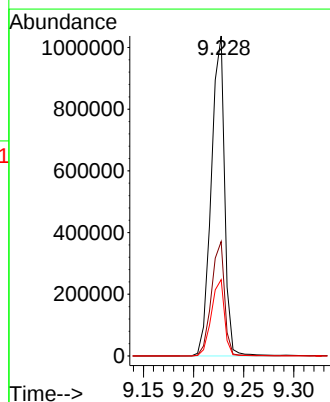
Tgt Ion:172 Resp: 965728

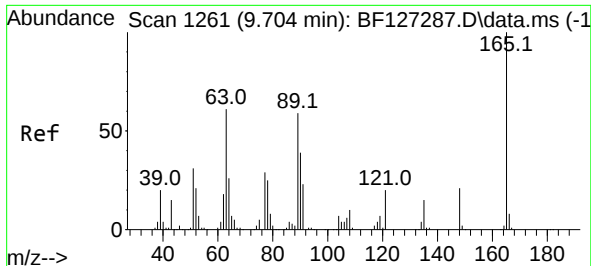
Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.9 19.0 28.6

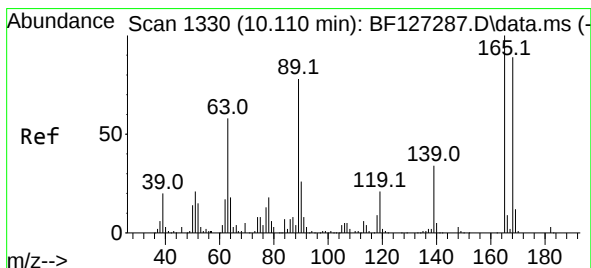
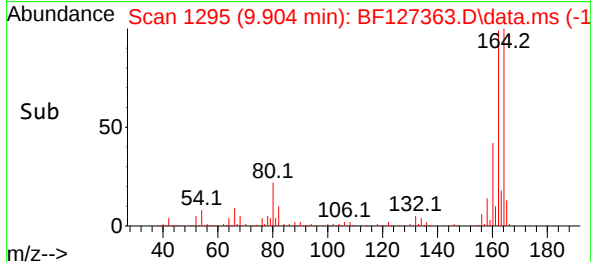
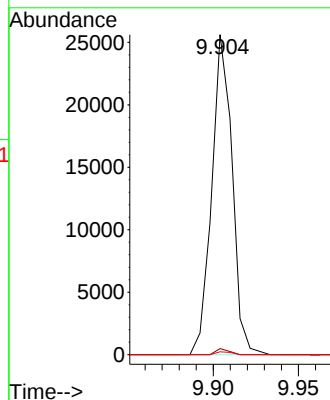
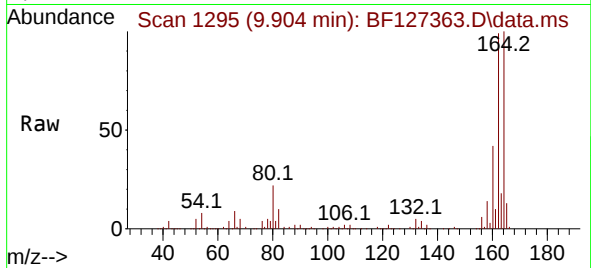




#51
2,6-Dinitrotoluene
Concen: 8.406 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF127363.D
Acq: 16 Mar 2022 22:52

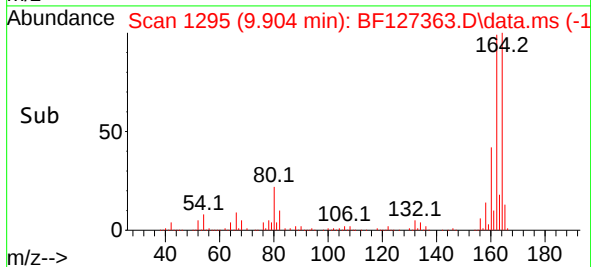
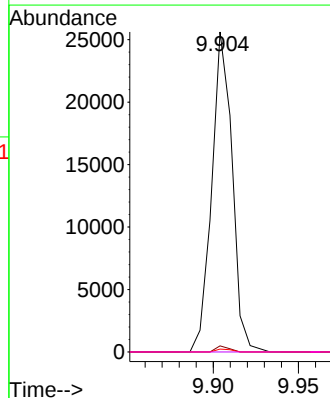
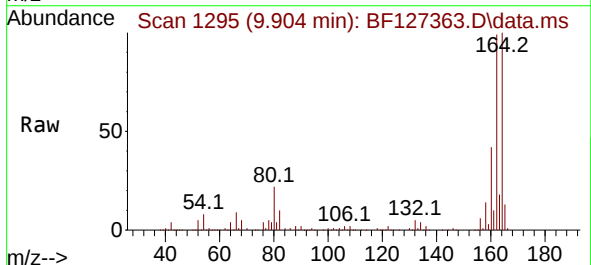
Instrument :
BNA_F
ClientSampleId :
DB-27-(22-25)-3-12-22

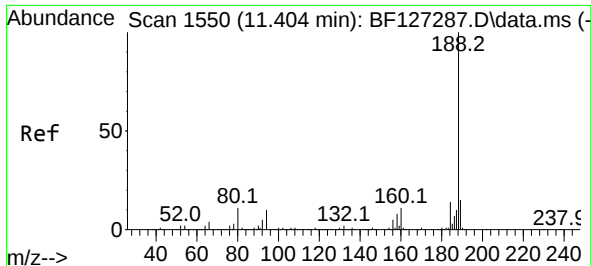
Tgt Ion:165 Resp: 21340
Ion Ratio Lower Upper
165 100
63 1.9 48.4 72.6#
89 0.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.389 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127363.D
Acq: 16 Mar 2022 22:52

Tgt Ion:165 Resp: 21340
Ion Ratio Lower Upper
165 100
63 1.9 43.0 64.6#
89 0.9 71.0 106.4#
182 0.0 1.6 2.4#

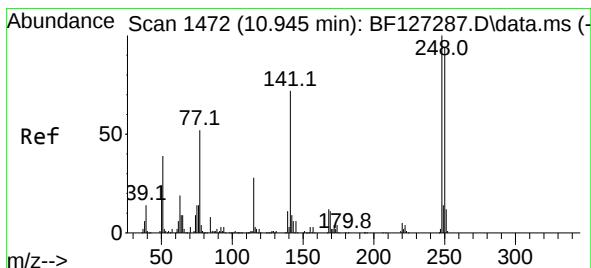
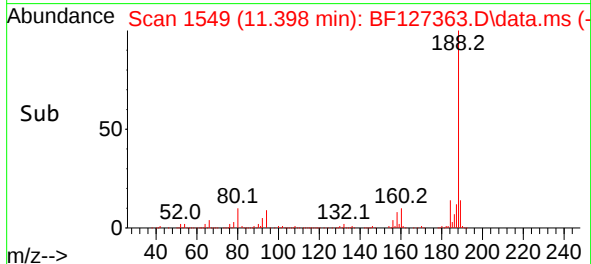
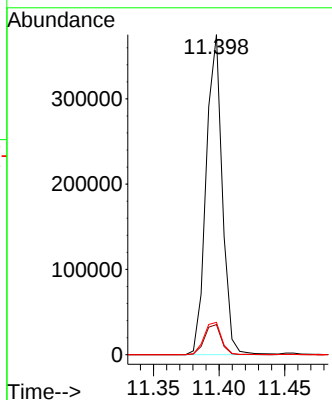
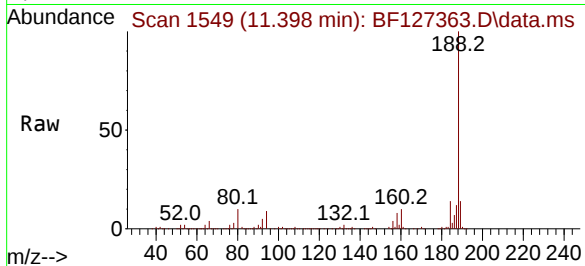




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127363.D
Acq: 16 Mar 2022 22:52

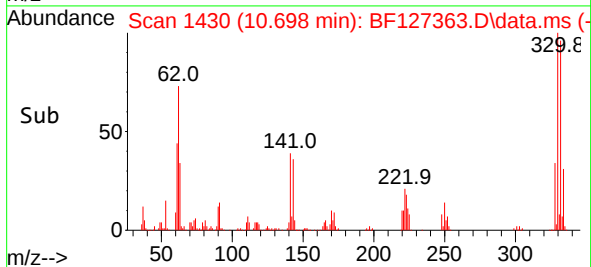
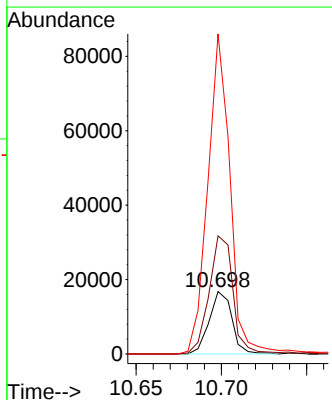
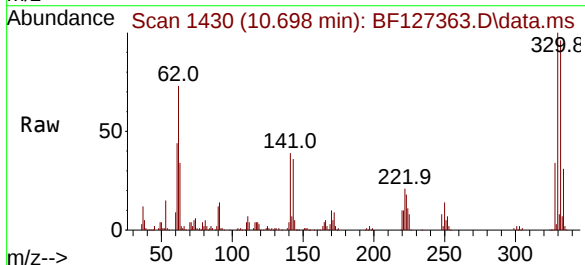
Instrument :
BNA_F
ClientSampleId :
DB-27-(22-25)-3-12-22

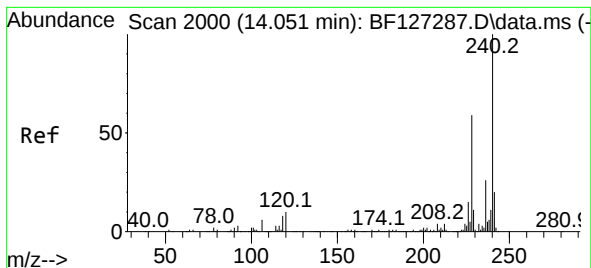
Tgt Ion:188 Resp: 320844
Ion Ratio Lower Upper
188 100
94 9.4 10.1 15.1#
80 10.1 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.037 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127363.D
Acq: 16 Mar 2022 22:52

Tgt Ion:248 Resp: 15615
Ion Ratio Lower Upper
248 100
250 189.4 76.2 114.4#
141 512.9 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1819

Delta R.T. -0.006 min

Lab File: BF127363.D

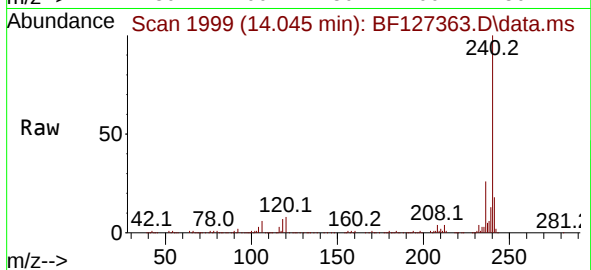
Acq: 16 Mar 2022 22:52

Instrument :

BNA_F

ClientSampleId :

DB-27-(22-25)-3-12-22



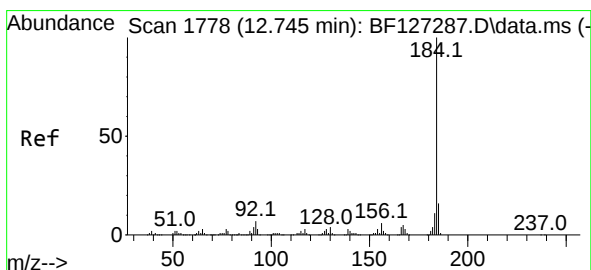
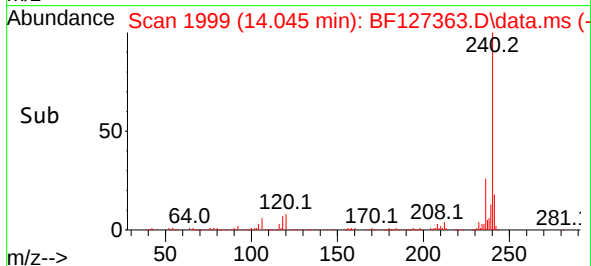
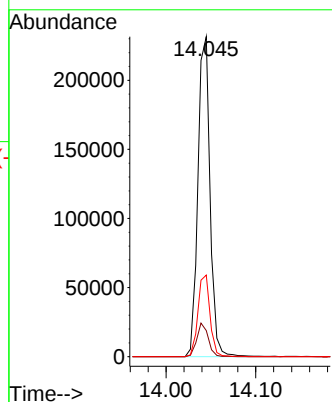
Tgt Ion:240 Resp: 217344

Ion Ratio Lower Upper

240 100

120 8.2 14.4 21.6#

236 25.5 20.5 30.7



#77

Benzidine

Concen: 2.346 ng

RT: 12.986 min Scan# 1819

Delta R.T. 0.241 min

Lab File: BF127363.D

Acq: 16 Mar 2022 22:52

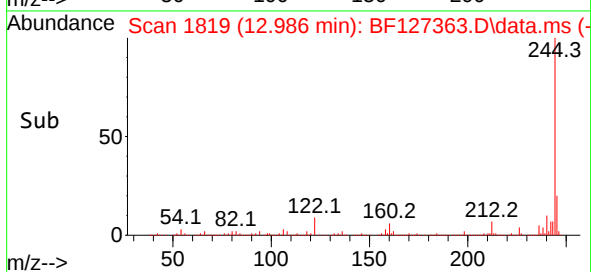
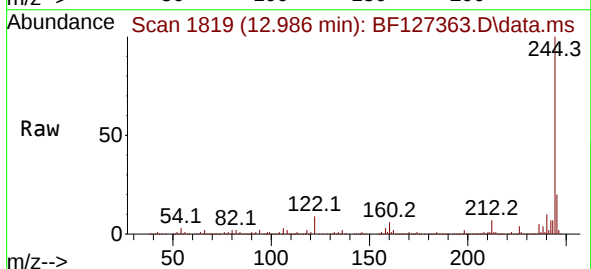
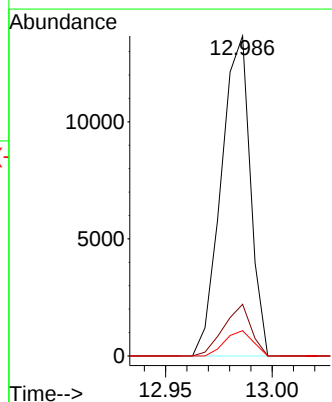
Tgt Ion:184 Resp: 12969

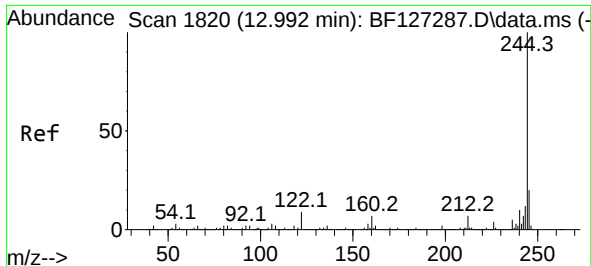
Ion Ratio Lower Upper

184 100

185 16.1 11.8 17.8

183 7.9 8.2 12.2#

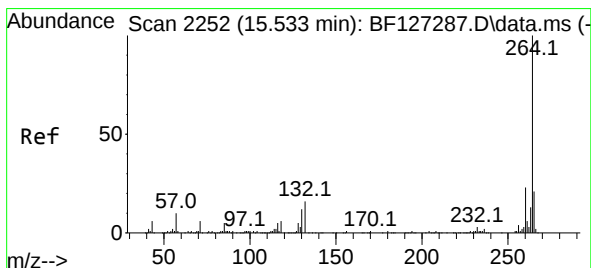
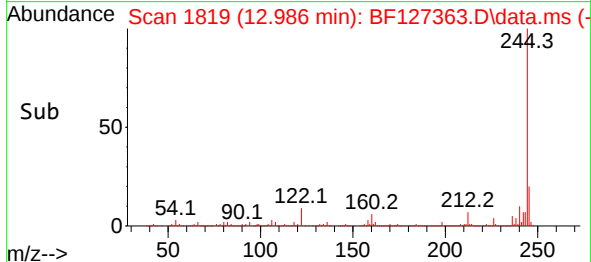
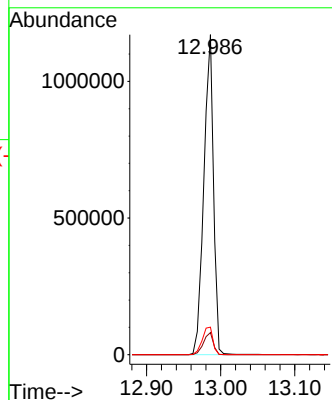
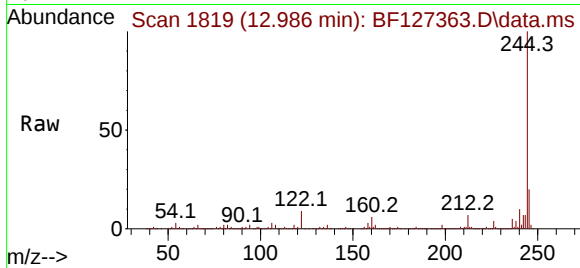




#79
 Terphenyl-d14
 Concen: 84.301 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127363.D
 Acq: 16 Mar 2022 22:52

Instrument :
 BNA_F
 ClientSampleId :
 DB-27-(22-25)-3-12-22

Tgt Ion:244 Resp: 1064048
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 8.6 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: BF127363.D
 Acq: 16 Mar 2022 22:52

Tgt Ion:264 Resp: 192524
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.3 17.4 26.2

