

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127379.D
 Acq On : 17 Mar 2022 16:46
 Operator : CG\JU
 Sample : N1943-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB1

Quant Time: Mar 18 04:39:53 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)

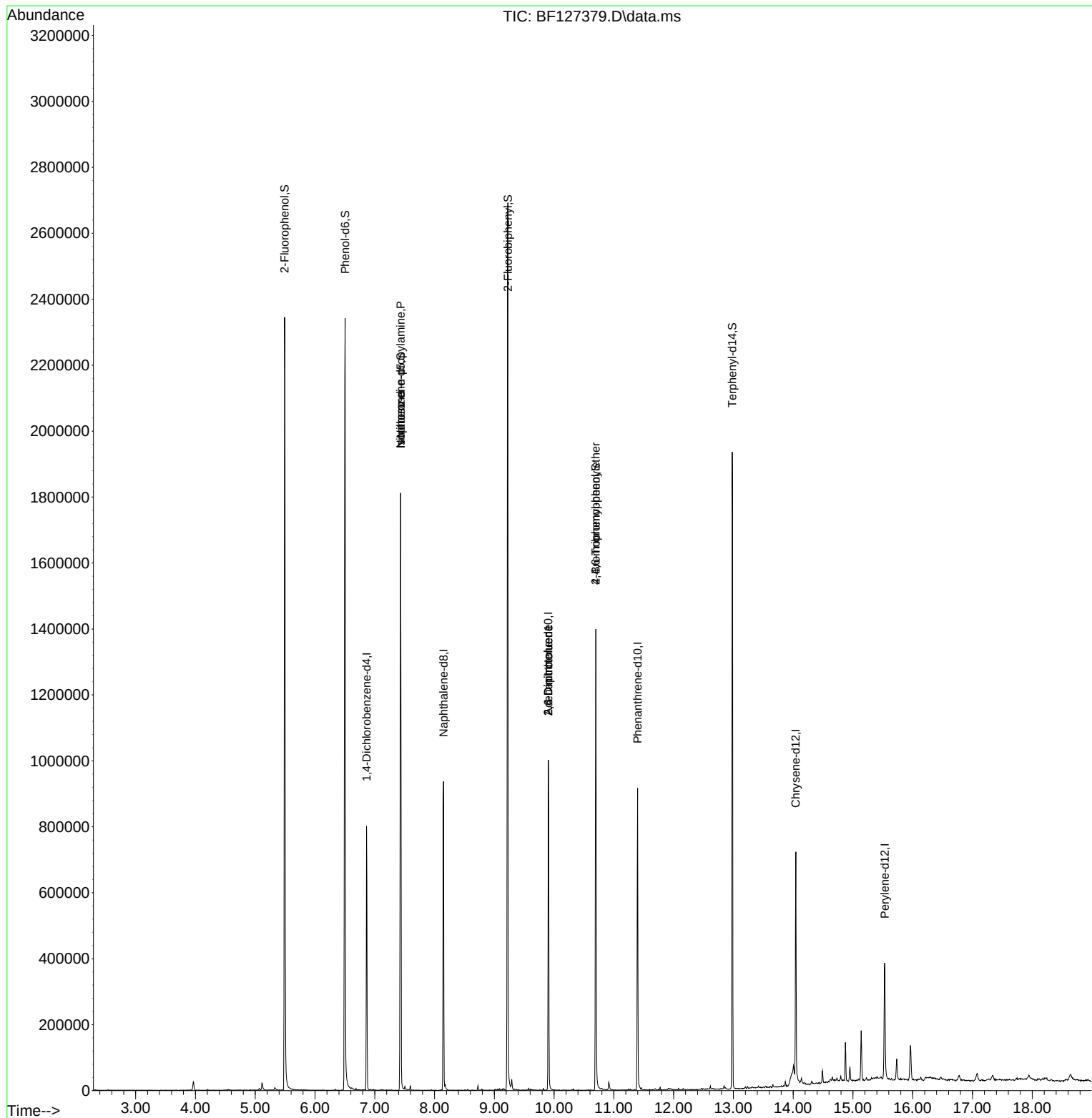
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	107297	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	390020	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	209664	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	309130	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	225658	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	168054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	592340	88.746	ng	0.00
7) Phenol-d6	6.504	99	825720	89.930	ng	0.00
23) Nitrobenzene-d5	7.434	82	560922	59.394	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	154667	68.527	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	892704	60.196	ng	0.00
79) Terphenyl-d14	12.980	244	669992	51.126	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	108	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	76916	13.424	ng	# 89
25) Isophorone	7.434	82	560909	36.937	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	27489	9.045	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	27489	6.875	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	10502	2.818	ng	# 1

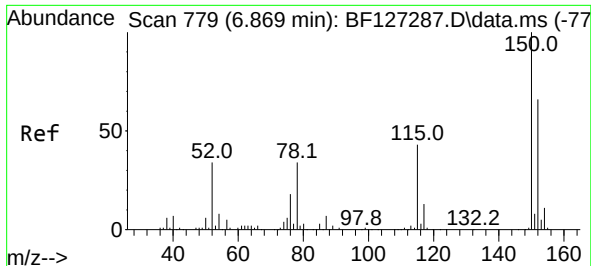
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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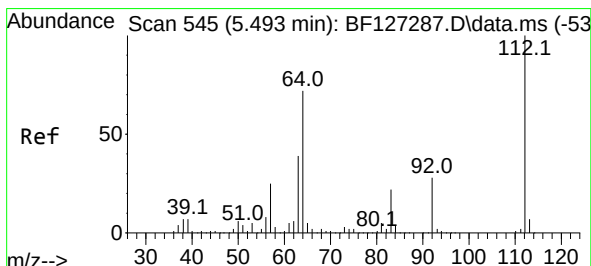
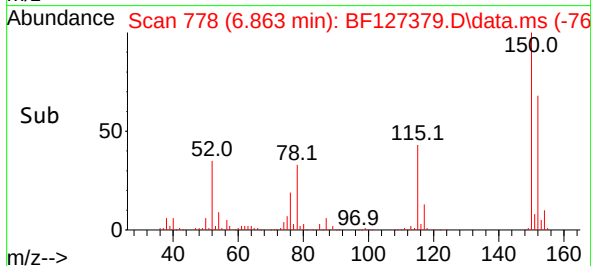
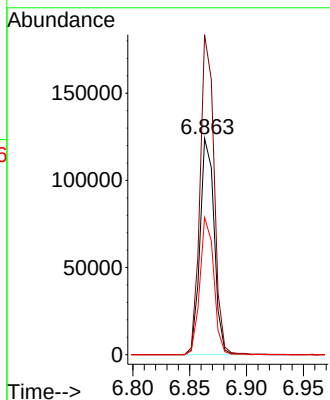
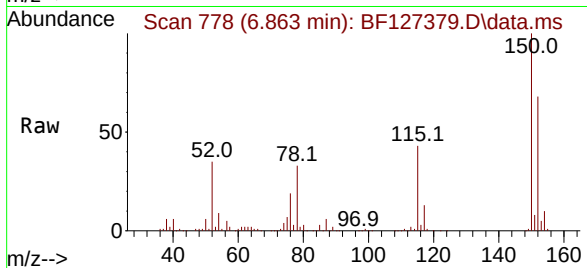




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 779
 Delta R.T. -0.006 min
 Lab File: BF127379.D
 Acq: 17 Mar 2022 16:46

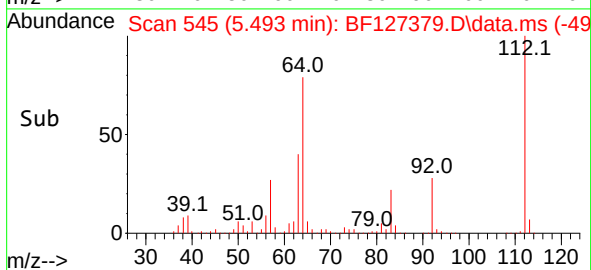
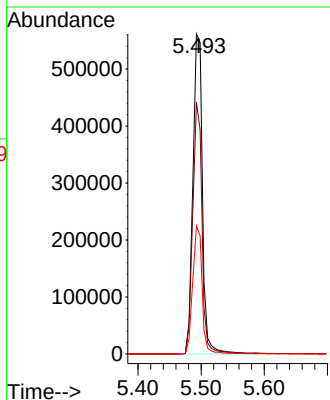
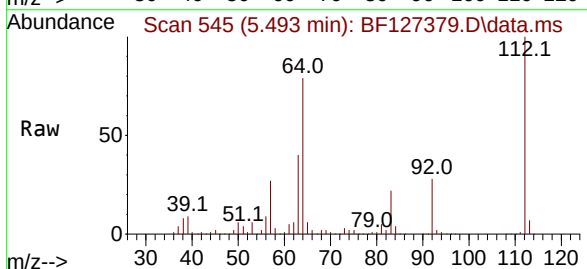
Instrument :
 BNA_F
 ClientSampleId :
 TB1

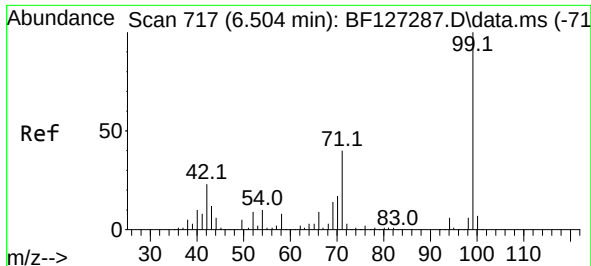
Tgt Ion:152 Resp: 107297
 Ion Ratio Lower Upper
 152 100
 150 147.9 128.1 192.1
 115 63.5 56.7 85.1



#5
 2-Fluorophenol
 Concen: 88.746 ng
 RT: 5.493 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: BF127379.D
 Acq: 17 Mar 2022 16:46

Tgt Ion:112 Resp: 592340
 Ion Ratio Lower Upper
 112 100
 64 78.6 49.5 74.3#
 63 40.0 23.9 35.9#

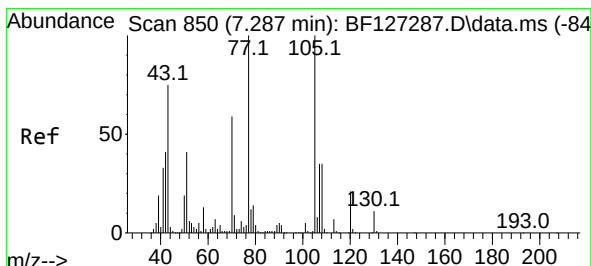
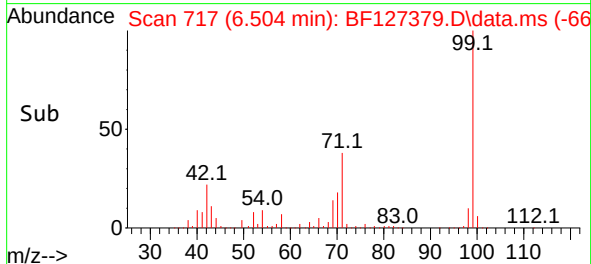
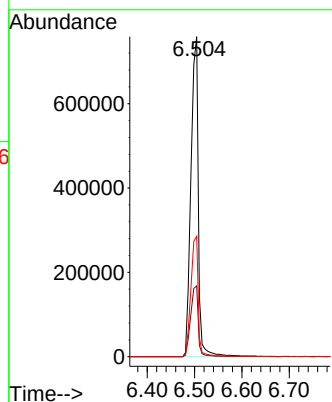
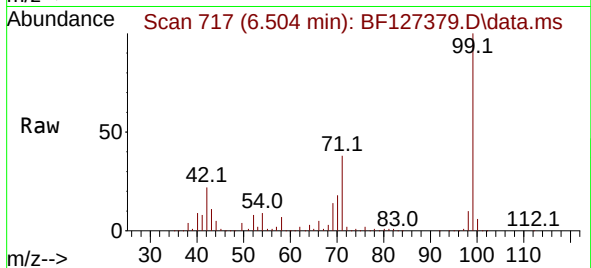




#7
Phenol-d6
Concen: 89.930 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

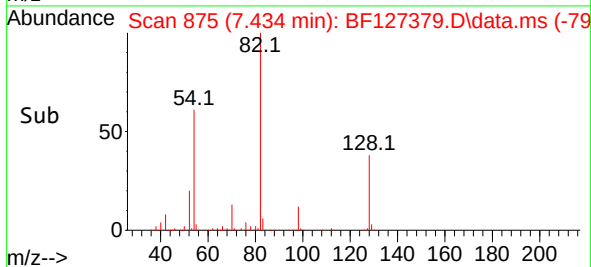
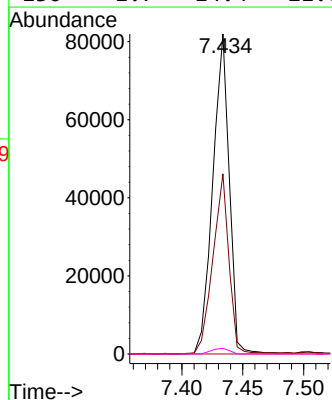
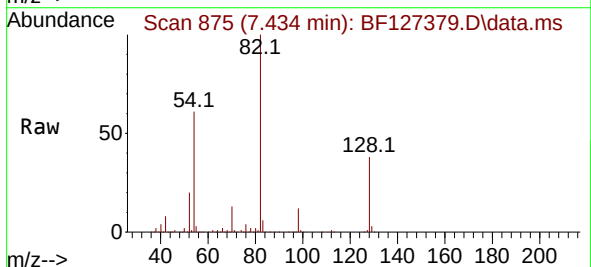
Instrument :
BNA_F
ClientSampleId :
TB1

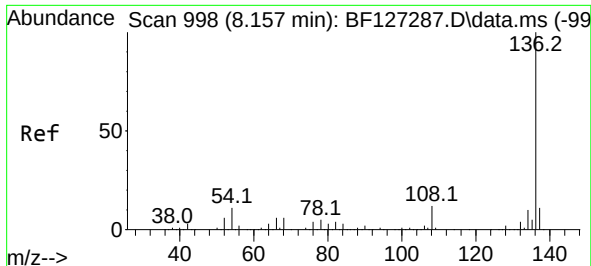
Tgt Ion: 99 Resp: 825720
Ion Ratio Lower Upper
99 100
42 22.1 14.2 21.4#
71 37.6 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.424 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

Tgt Ion: 70 Resp: 76916
Ion Ratio Lower Upper
70 100
42 56.3 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

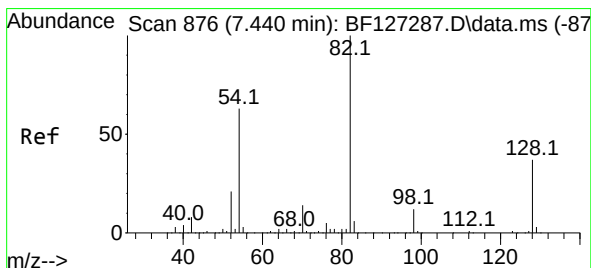
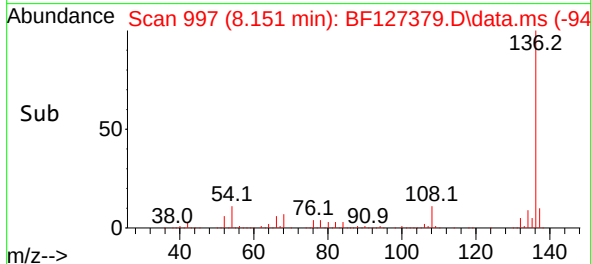
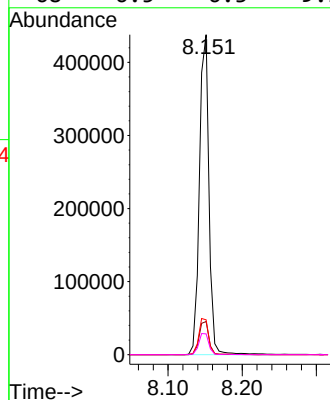
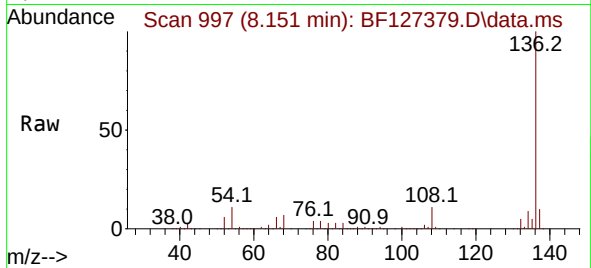




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

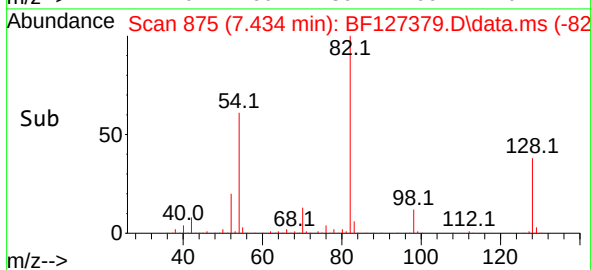
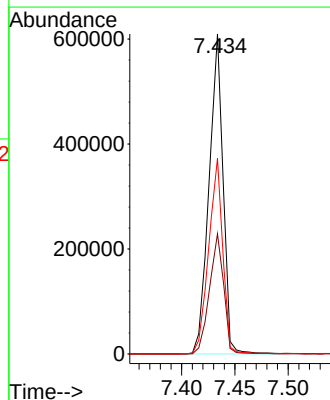
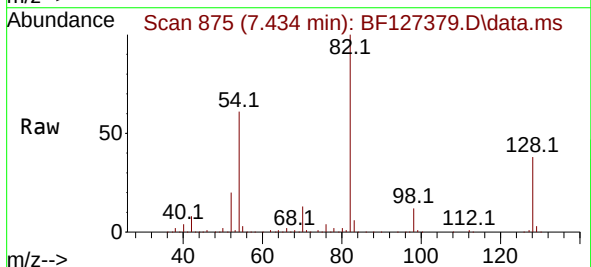
Instrument :
BNA_F
ClientSampleId :
TB1

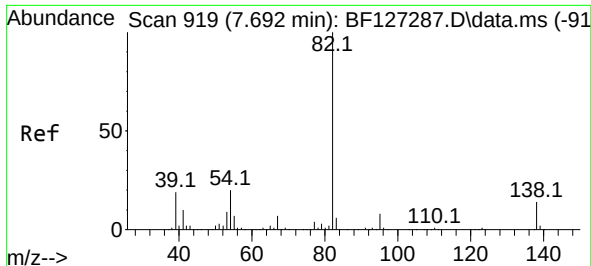
Tgt Ion:136 Resp: 390020
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 10.9 7.8 11.6
68 6.5 6.3 9.5



#23
Nitrobenzene-d5
Concen: 59.394 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

Tgt Ion: 82 Resp: 560922
Ion Ratio Lower Upper
82 100
128 37.5 32.7 49.1
54 61.1 41.7 62.5

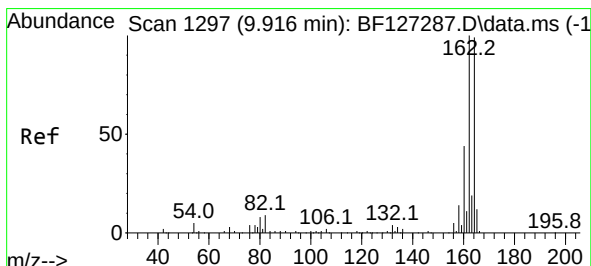
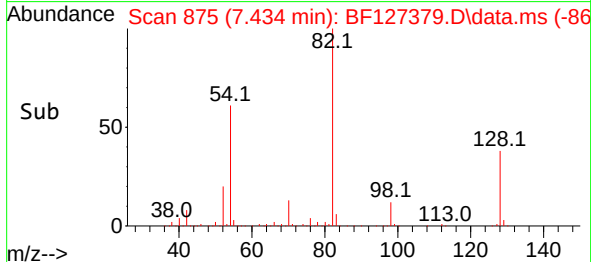
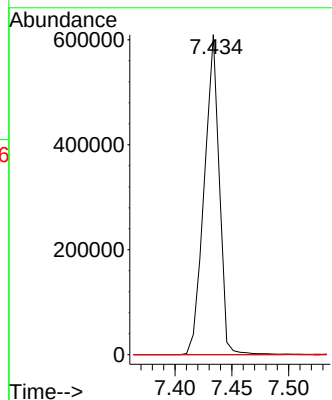
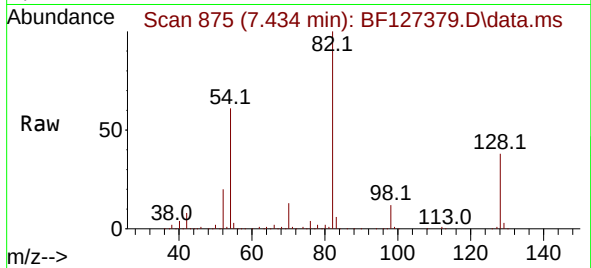




#25
Isophorone
Concen: 36.937 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

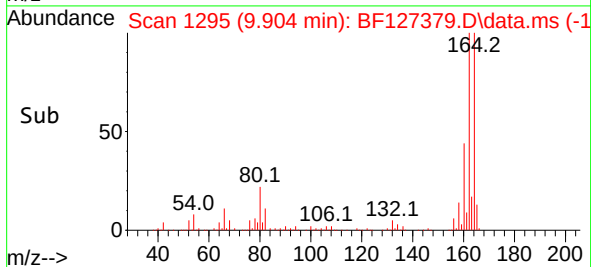
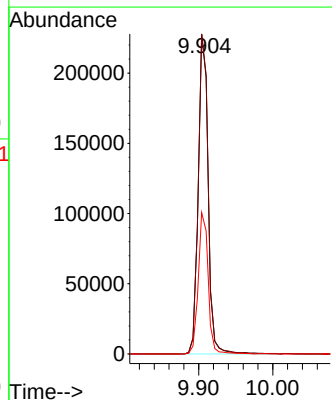
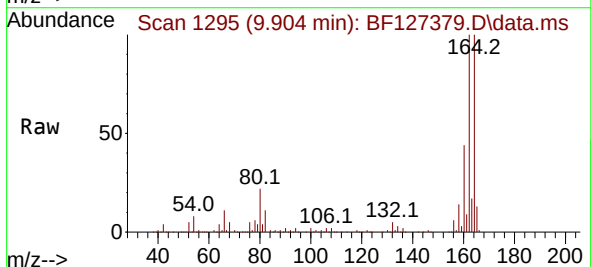
Instrument :
BNA_F
ClientSampleId :
TB1

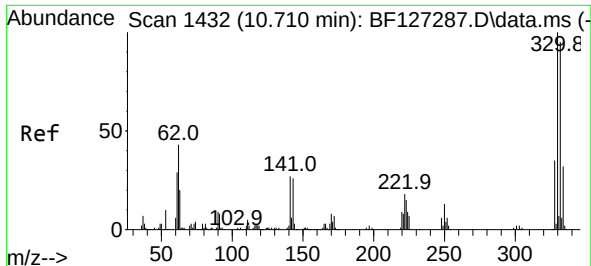
Tgt Ion: 82 Resp: 560909
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

Tgt Ion:164 Resp: 209664
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 44.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 68.527 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127379.D

Acq: 17 Mar 2022 16:46

Instrument :

BNA_F

ClientSampleId :

TB1

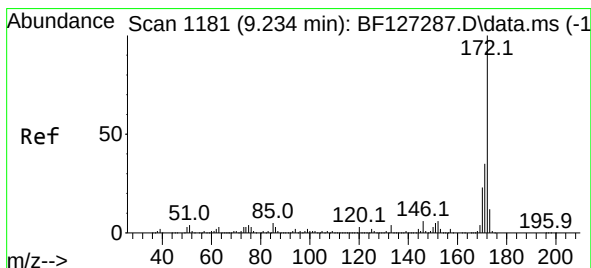
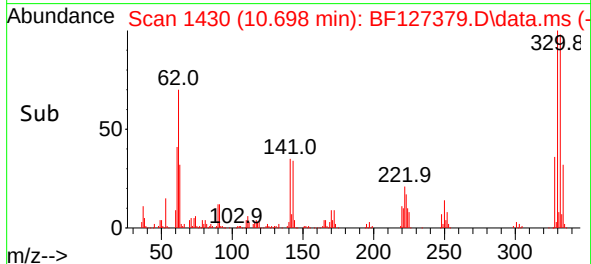
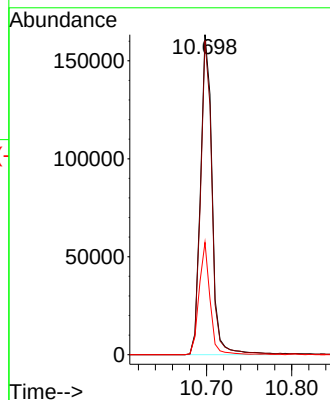
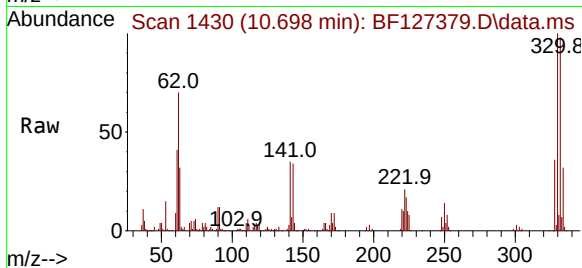
Tgt Ion:330 Resp: 154667

Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

141 33.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 60.196 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127379.D

Acq: 17 Mar 2022 16:46

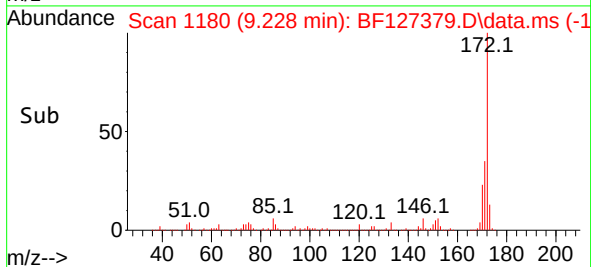
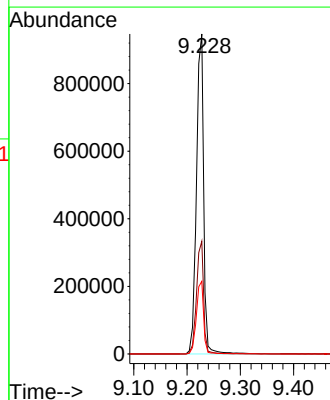
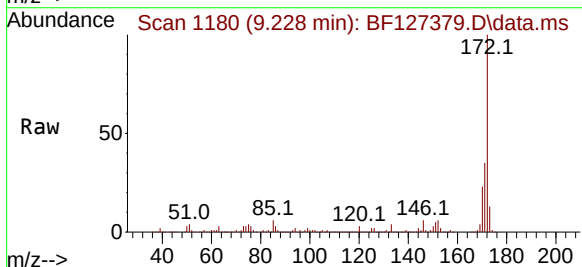
Tgt Ion:172 Resp: 892704

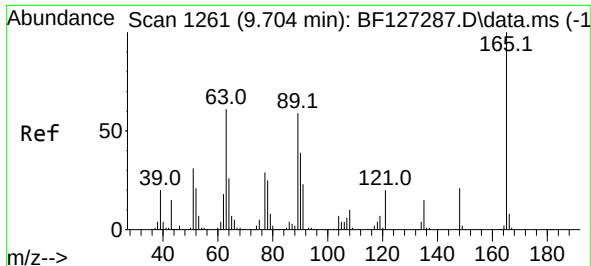
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 22.7 19.0 28.6

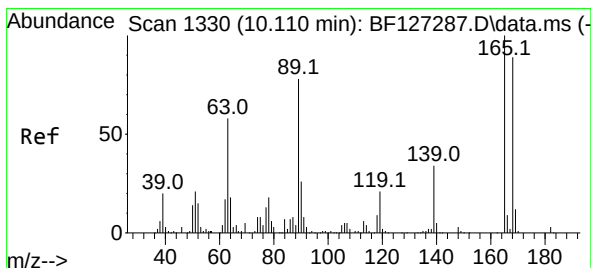
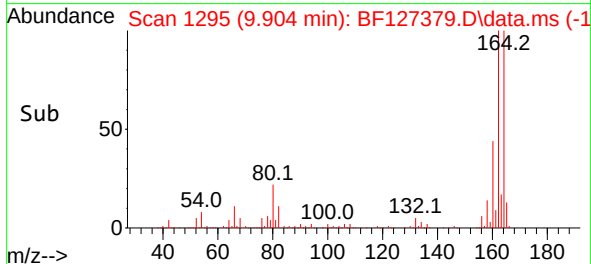
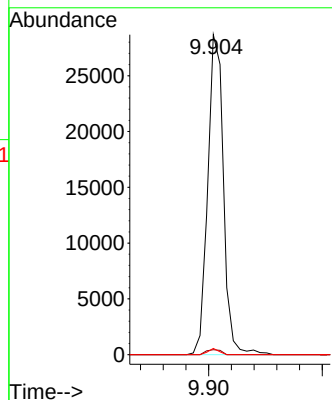
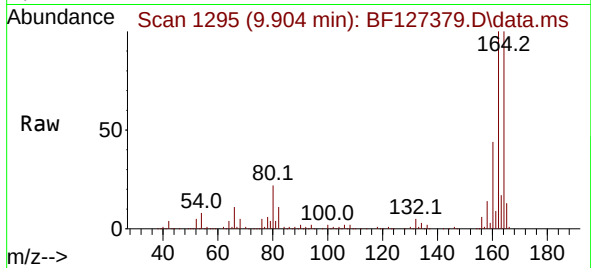




#51
2,6-Dinitrotoluene
Concen: 9.045 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

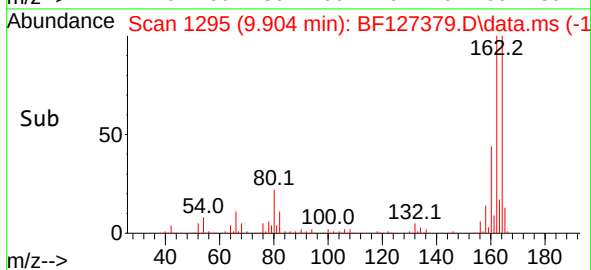
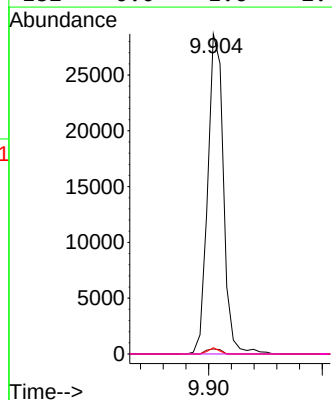
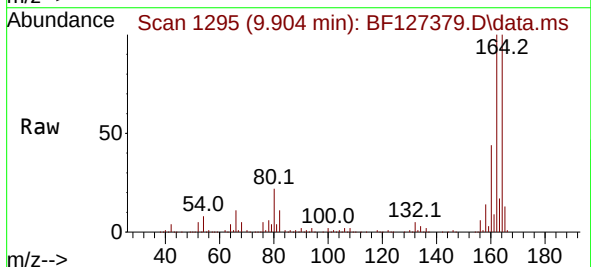
Instrument :
BNA_F
ClientSampleId :
TB1

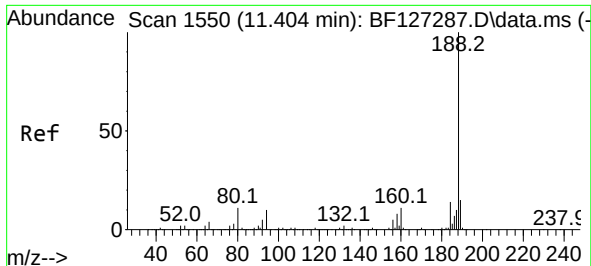
Tgt Ion:165 Resp: 27489
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 2.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.875 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

Tgt Ion:165 Resp: 27489
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#

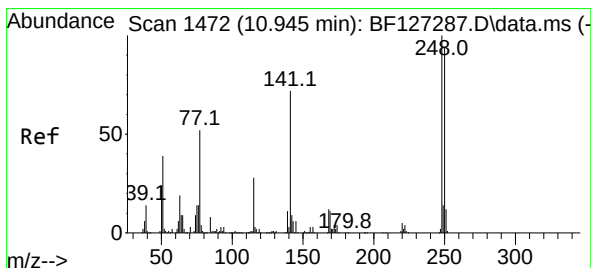
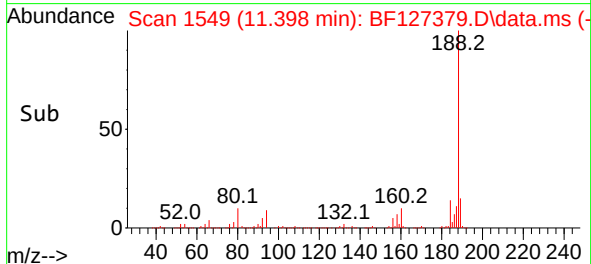
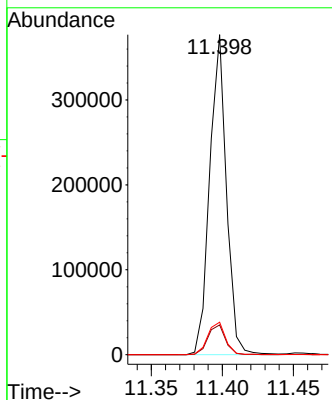
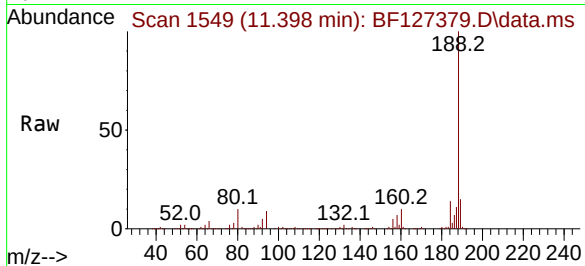




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

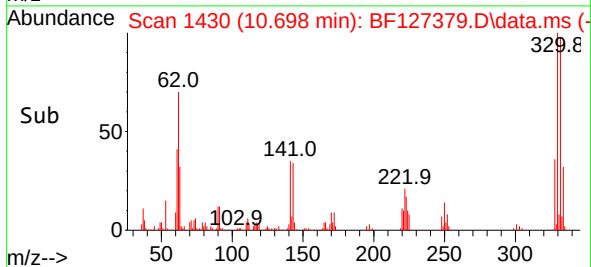
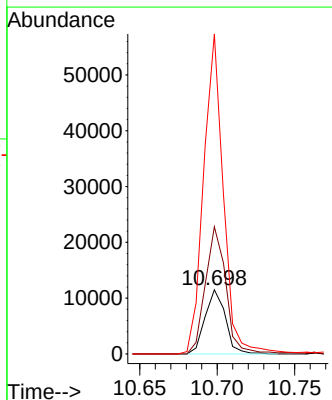
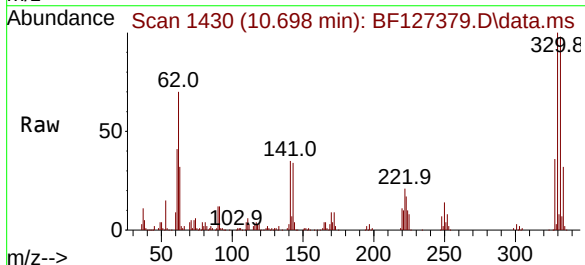
Instrument :
BNA_F
ClientSampleId :
TB1

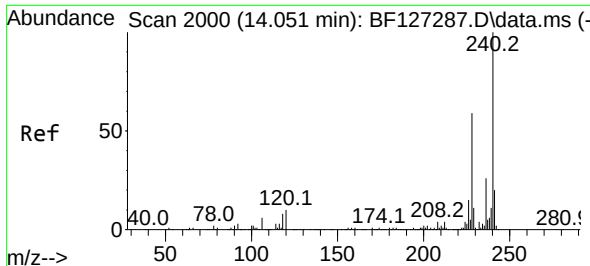
Tgt Ion:188 Resp: 309130
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.1 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 2.818 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

Tgt Ion:248 Resp: 10502
Ion Ratio Lower Upper
248 100
250 198.0 76.2 114.4#
141 498.1 66.2 99.4#

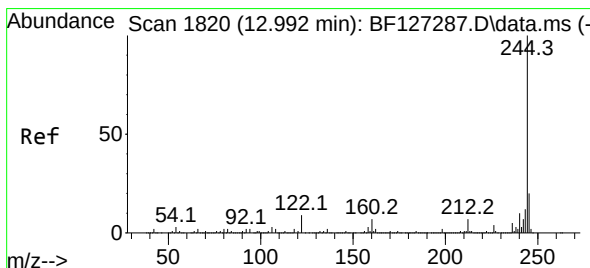
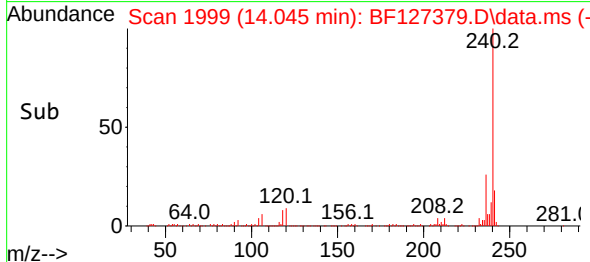
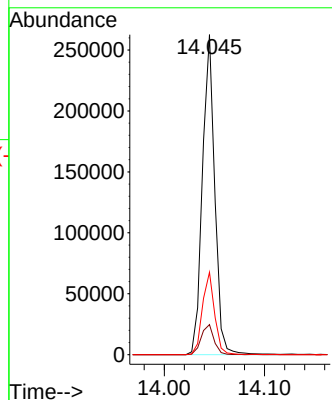
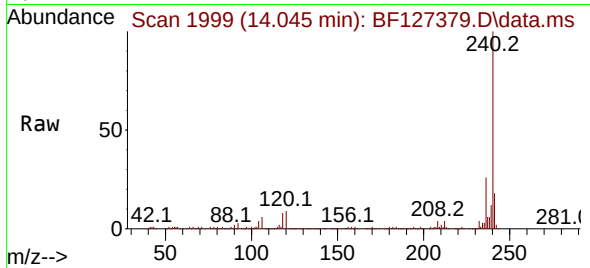




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

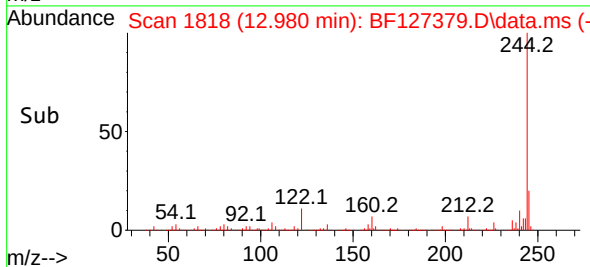
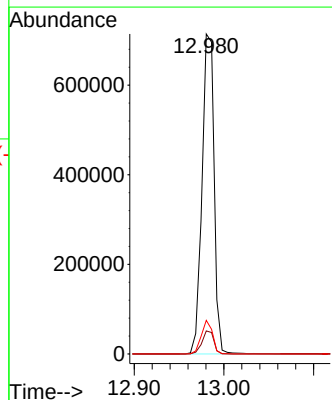
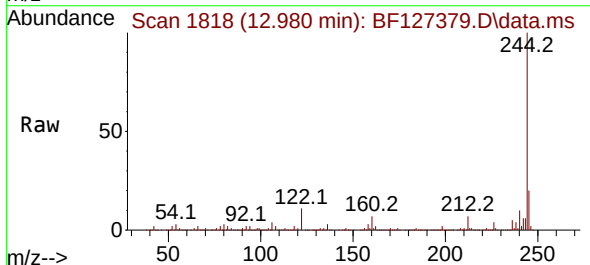
Instrument :
BNA_F
ClientSampleId :
TB1

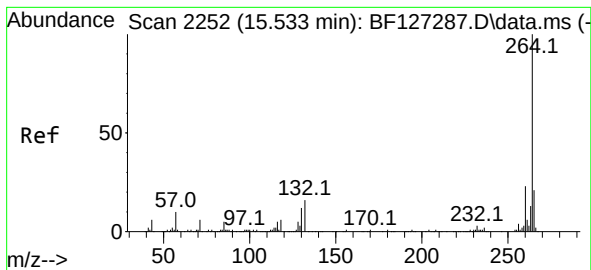
Tgt Ion:240 Resp: 225658
Ion Ratio Lower Upper
240 100
120 9.4 14.4 21.6#
236 25.8 20.5 30.7



#79
Terphenyl-d14
Concen: 51.126 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF127379.D
Acq: 17 Mar 2022 16:46

Tgt Ion:244 Resp: 669992
Ion Ratio Lower Upper
244 100
212 7.2 5.0 7.4
122 10.5 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF127379.D

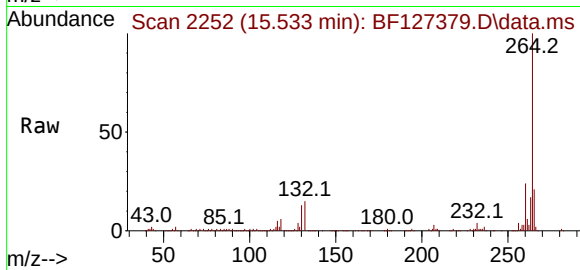
Acq: 17 Mar 2022 16:46

Instrument :

BNA_F

ClientSampleId :

TB1



Tgt Ion:264 Resp: 168054

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.3 17.4 26.2

