

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031622\
 Data File : BF127359.D
 Acq On : 16 Mar 2022 20:57
 Operator : CG\JU
 Sample : N1951-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-13-(10-15)-3-12-22

Quant Time: Mar 17 02:36:37 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)

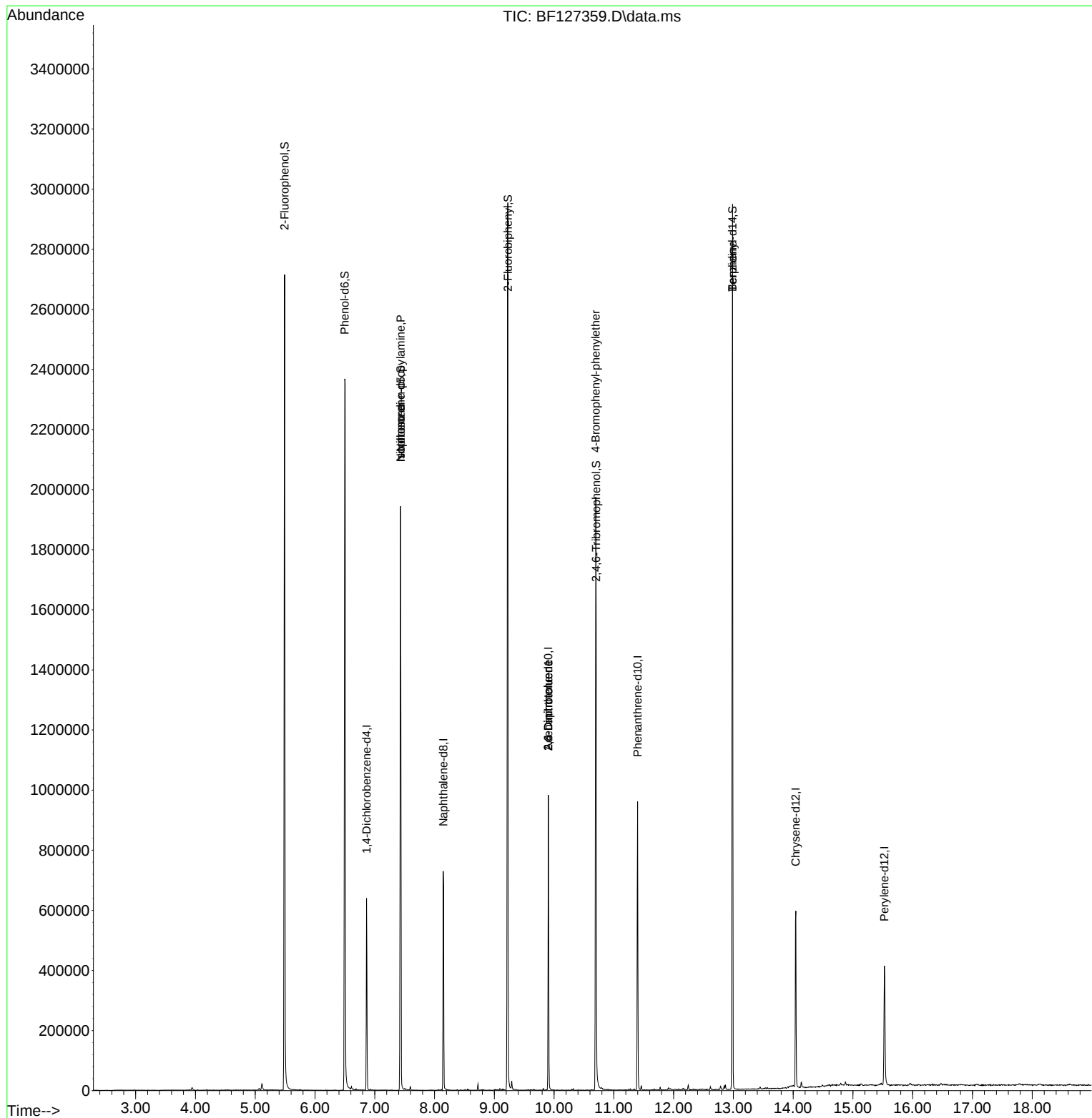
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	84295	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	303660	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	177571	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	327200	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	210777	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	187810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	638269	121.722	ng	0.00
7) Phenol-d6	6.498	99	875334	121.348	ng	0.00
23) Nitrobenzene-d5	7.434	82	585452	79.622	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	238707	124.877	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	974611	77.597	ng	0.00
79) Terphenyl-d14	12.986	244	1028587	84.031	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1331	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	81123	18.022	ng	# 87
25) Isophorone	7.434	82	585452	49.517	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	23329	9.064	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	23329	6.889	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	16305	4.134	ng	# 1
77) Benizidine	12.986	184	13151	2.454	ng	# 83

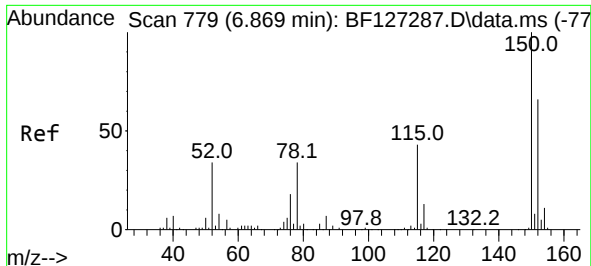
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 17 02:36:37 2022
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QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

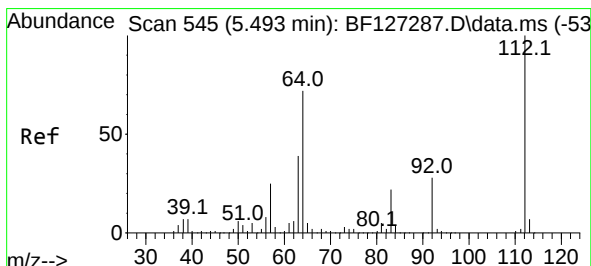
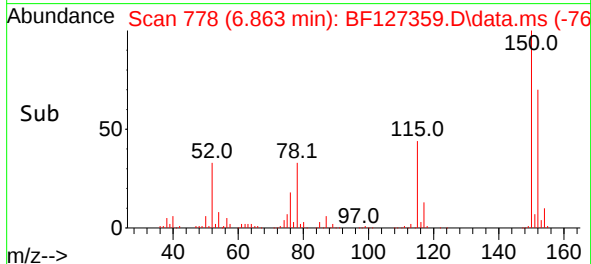
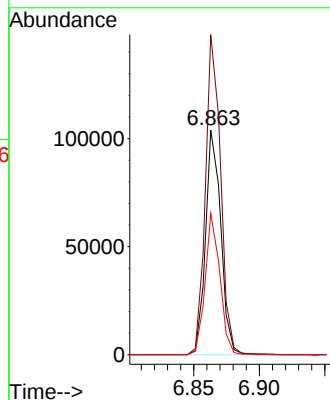
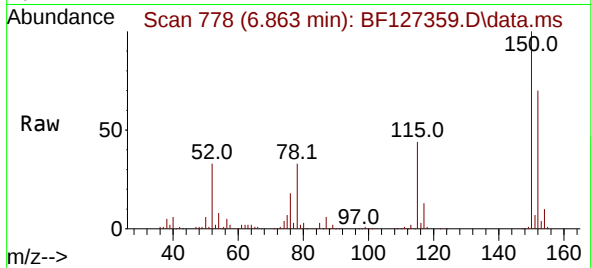




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127359.D
 Acq: 16 Mar 2022 20:57

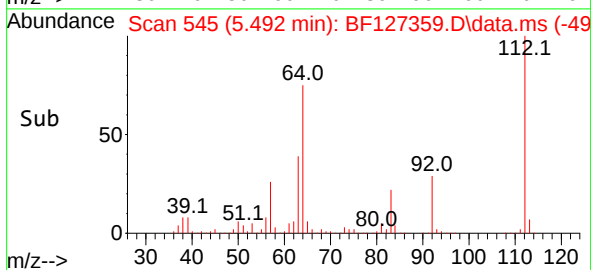
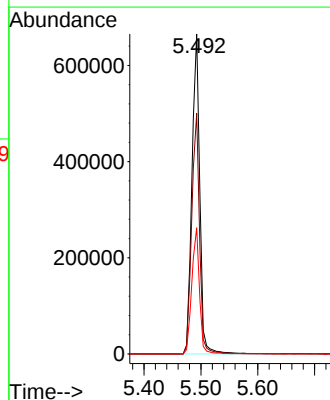
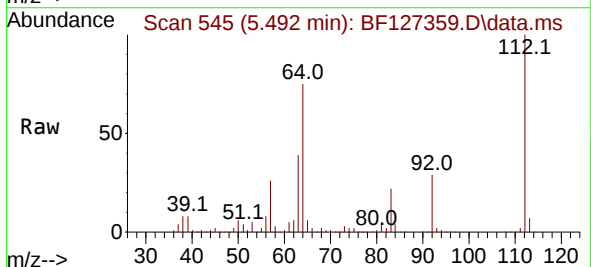
Instrument :
 BNA_F
 ClientSampleId :
 DB-13-(10-15)-3-12-22

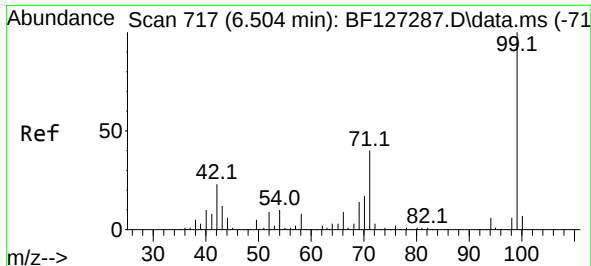
Tgt Ion:152 Resp: 84295
 Ion Ratio Lower Upper
 152 100
 150 142.5 128.1 192.1
 115 62.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 121.722 ng
 RT: 5.492 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: BF127359.D
 Acq: 16 Mar 2022 20:57

Tgt Ion:112 Resp: 638269
 Ion Ratio Lower Upper
 112 100
 64 75.2 49.5 74.3#
 63 39.4 23.9 35.9#

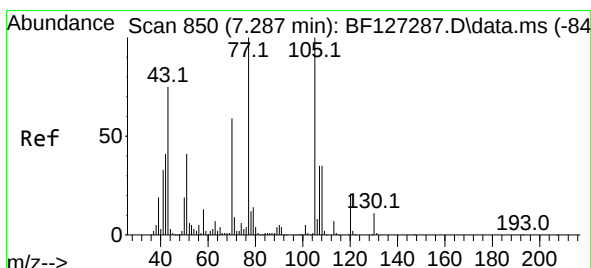
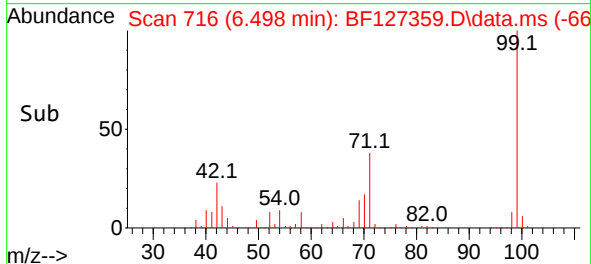
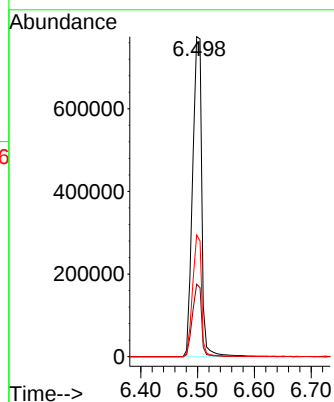
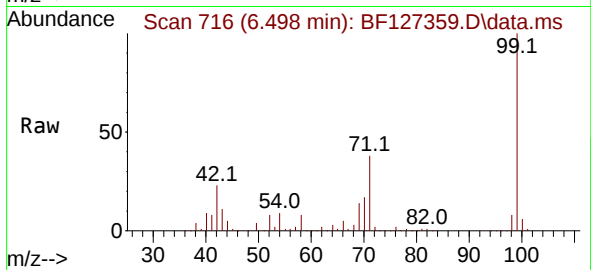




#7
Phenol-d6
Concen: 121.348 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127359.D
Acq: 16 Mar 2022 20:57

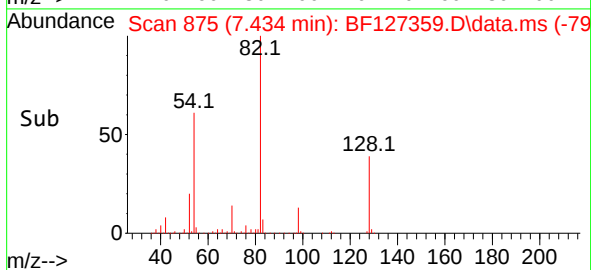
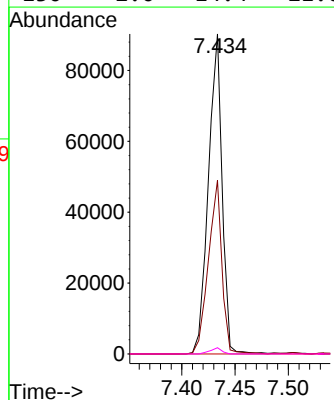
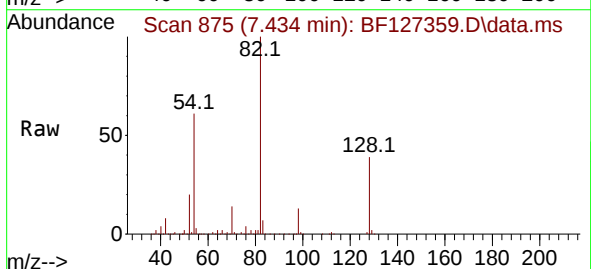
Instrument :
BNA_F
ClientSampleId :
DB-13-(10-15)-3-12-22

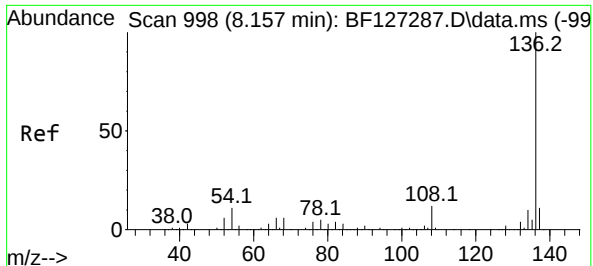
Tgt Ion: 99 Resp: 875334
Ion Ratio Lower Upper
99 100
42 22.6 14.2 21.4#
71 38.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.022 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF127359.D
Acq: 16 Mar 2022 20:57

Tgt Ion: 70 Resp: 81123
Ion Ratio Lower Upper
70 100
42 54.2 45.8 68.8
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#

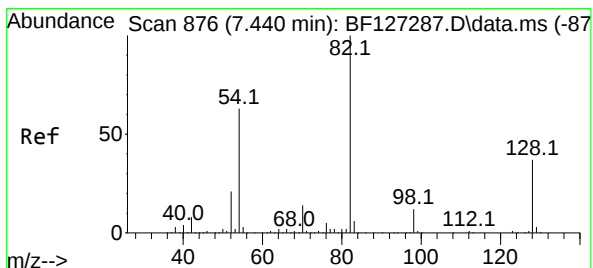
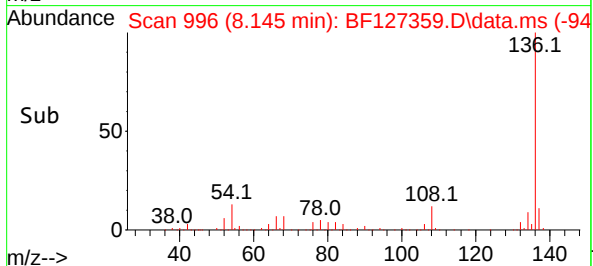
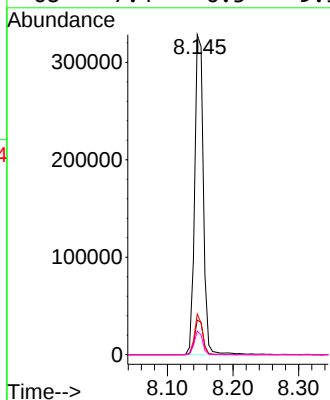
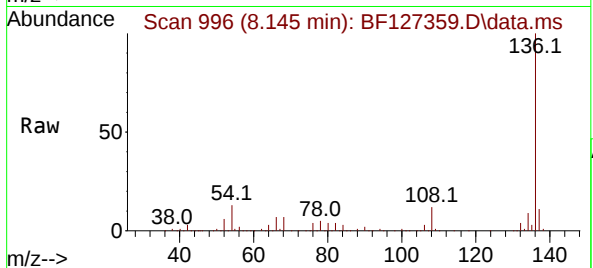




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 998
Delta R.T. -0.012 min
Lab File: BF127359.D
Acq: 16 Mar 2022 20:57

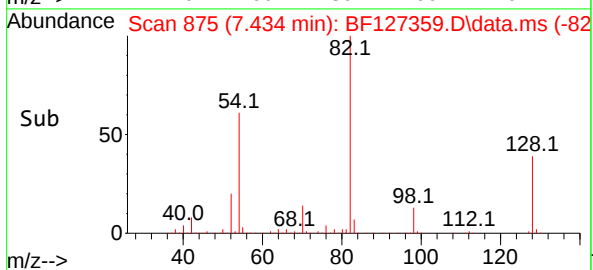
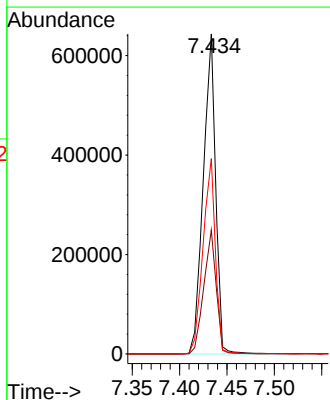
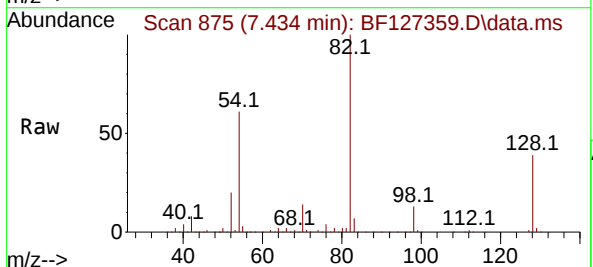
Instrument :
BNA_F
ClientSampleId :
DB-13-(10-15)-3-12-22

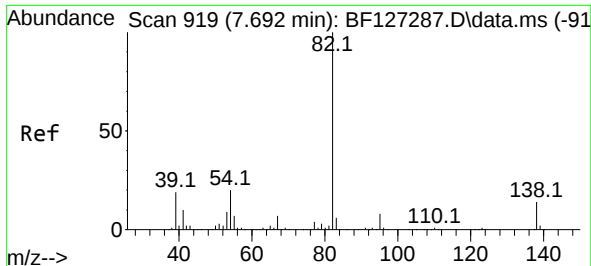
Tgt Ion:	136	Resp:	303660
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	12.7	7.8	11.6
68	7.4	6.3	9.5



#23
Nitrobenzene-d5
Concen: 79.622 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF127359.D
Acq: 16 Mar 2022 20:57

Tgt Ion:	82	Resp:	585452
Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.7	49.1
54	61.0	41.7	62.5

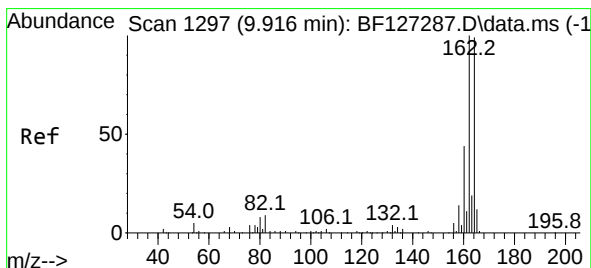
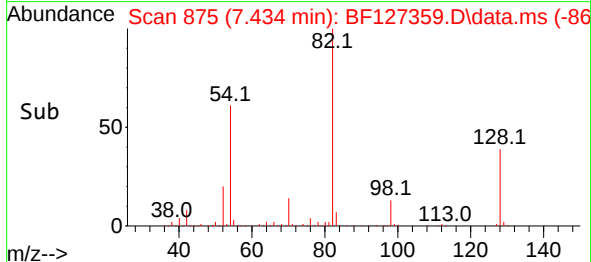
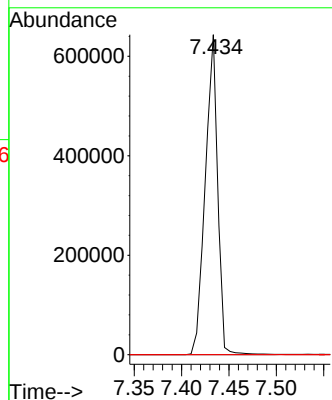
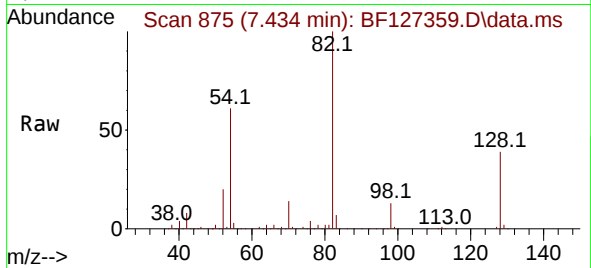




#25
Isophorone
Concen: 49.517 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127359.D
Acq: 16 Mar 2022 20:57

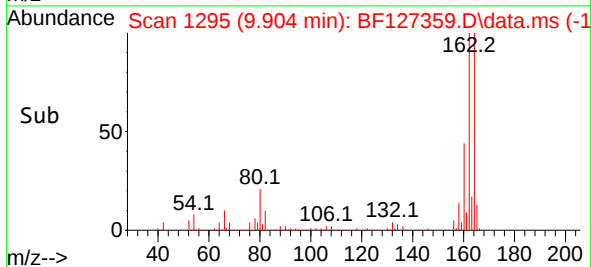
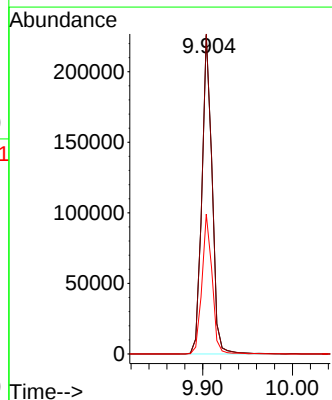
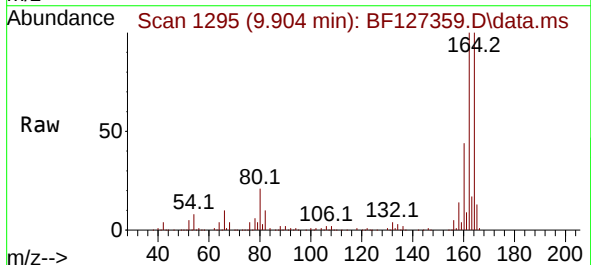
Instrument :
BNA_F
ClientSampleId :
DB-13-(10-15)-3-12-22

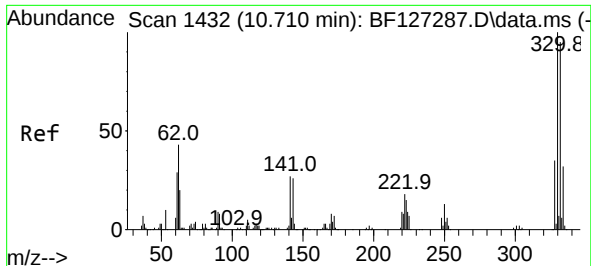
Tgt Ion: 82 Resp: 585452
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127359.D
Acq: 16 Mar 2022 20:57

Tgt Ion:164 Resp: 177571
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 43.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 124.877 ng

RT: 10.704 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127359.D

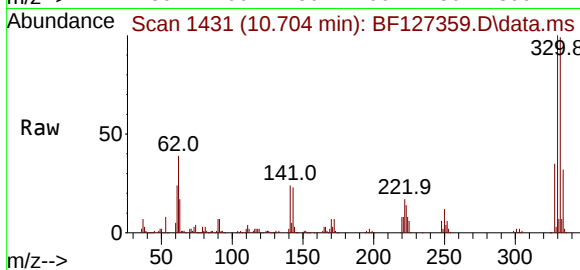
Acq: 16 Mar 2022 20:57

Instrument :

BNA_F

ClientSampleId :

DB-13-(10-15)-3-12-22



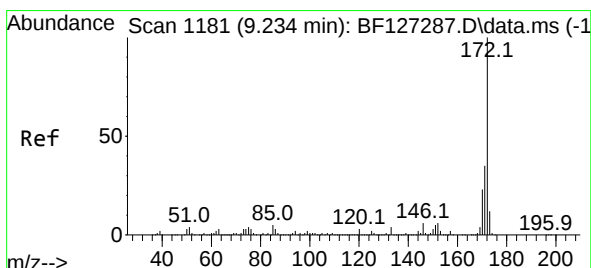
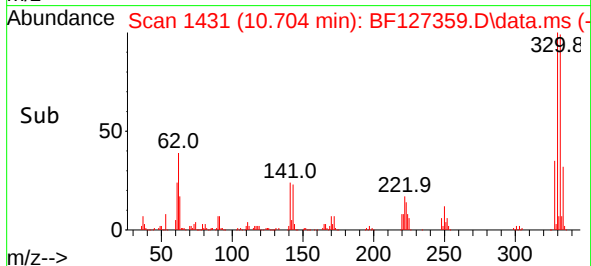
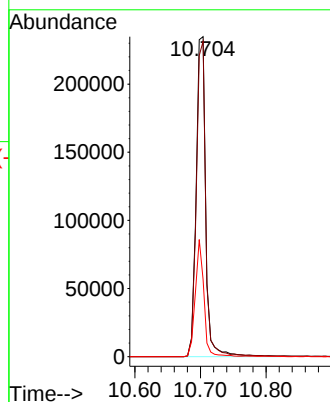
Tgt Ion:330 Resp: 238707

Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

141 32.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 77.597 ng

RT: 9.227 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127359.D

Acq: 16 Mar 2022 20:57

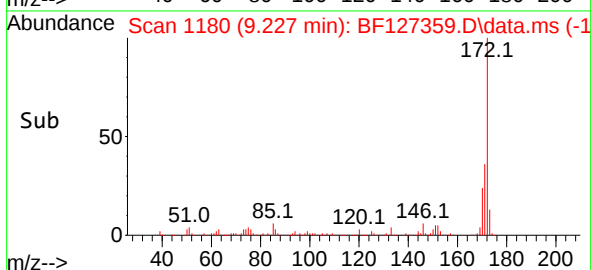
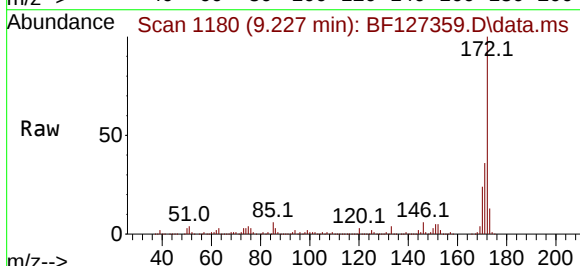
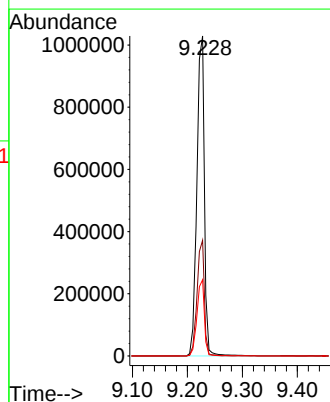
Tgt Ion:172 Resp: 974611

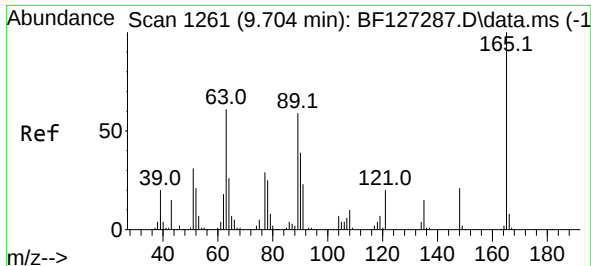
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.8 19.0 28.6

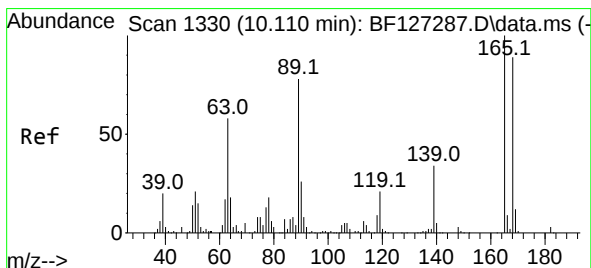
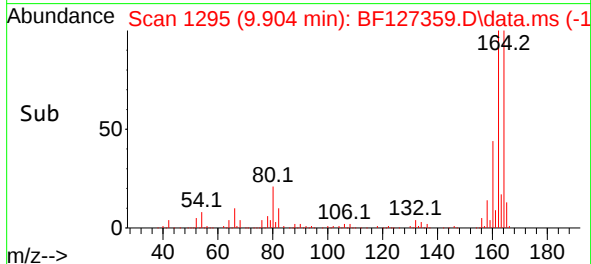
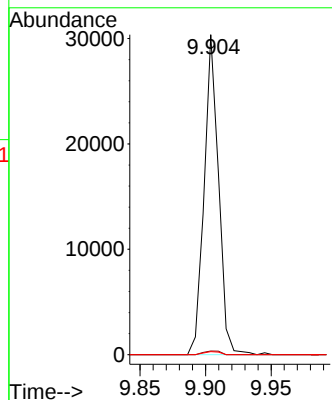
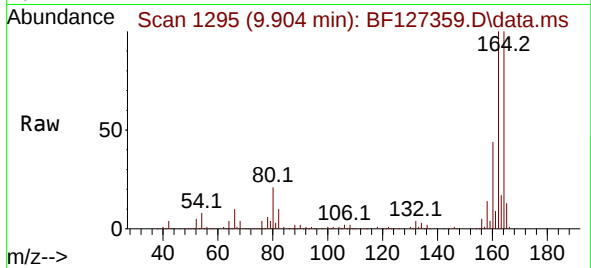




#51
2,6-Dinitrotoluene
Concen: 9.064 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127359.D
Acq: 16 Mar 2022 20:57

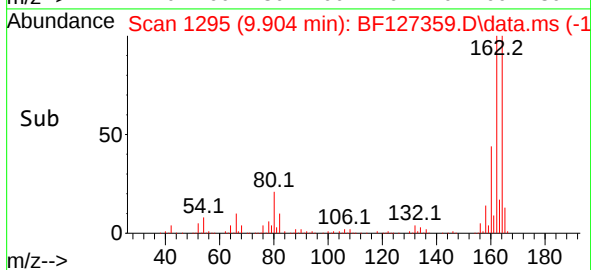
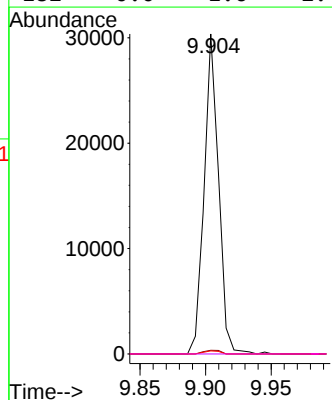
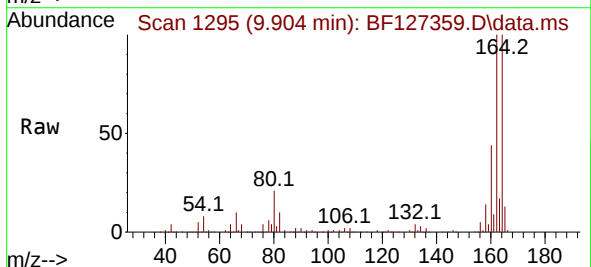
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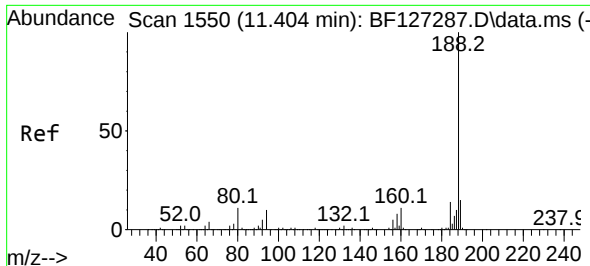
Tgt Ion:165 Resp: 23329
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 0.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.889 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF127359.D
Acq: 16 Mar 2022 20:57

Tgt Ion:165 Resp: 23329
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 0.9 71.0 106.4#
182 0.0 1.6 2.4#

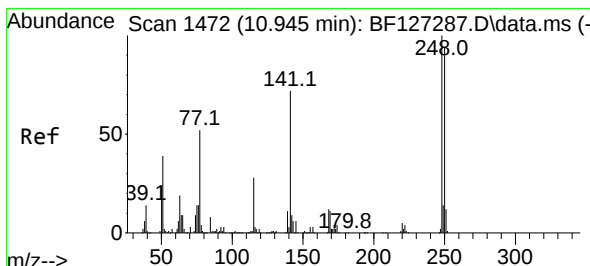
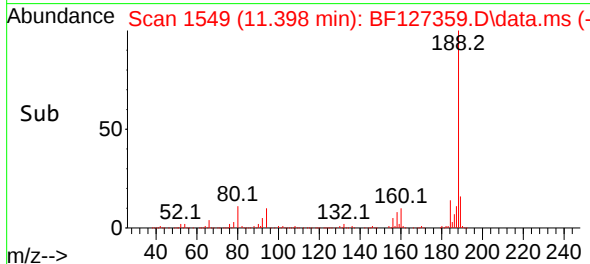
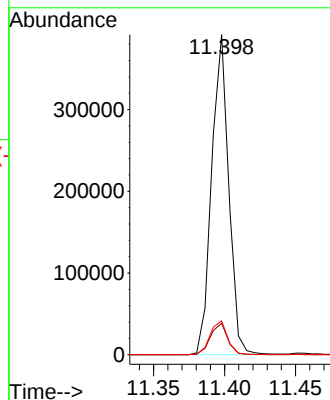
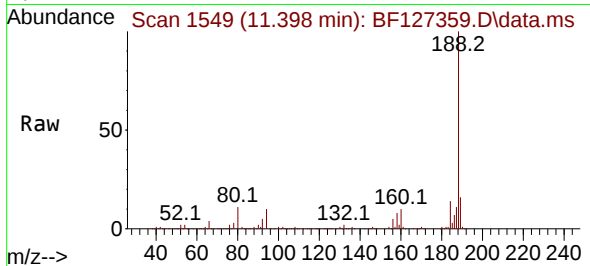




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127359.D
Acq: 16 Mar 2022 20:57

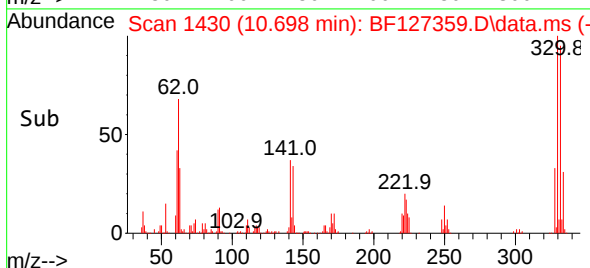
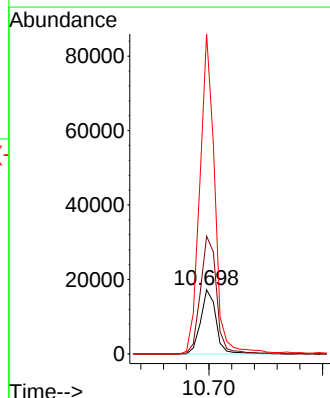
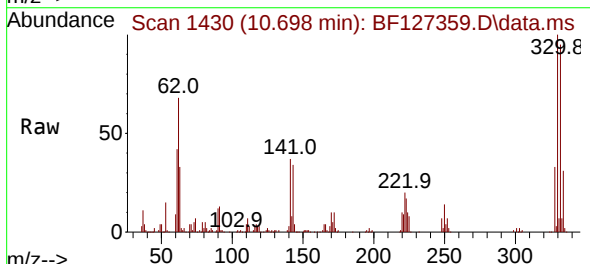
Instrument :
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DB-13-(10-15)-3-12-22

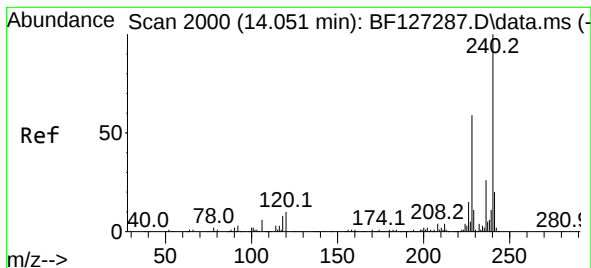
Tgt Ion:188 Resp: 327200
Ion Ratio Lower Upper
188 100
94 9.8 10.1 15.1#
80 10.5 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.134 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF127359.D
Acq: 16 Mar 2022 20:57

Tgt Ion:248 Resp: 16305
Ion Ratio Lower Upper
248 100
250 183.6 76.2 114.4#
141 498.8 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: BF127359.D

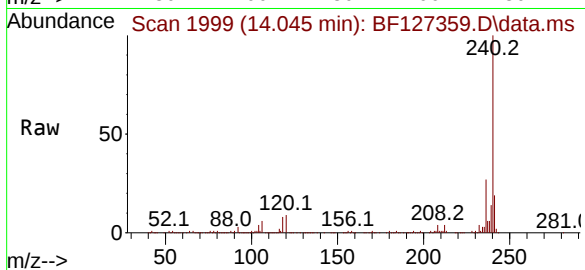
Acq: 16 Mar 2022 20:57

Instrument :

BNA_F

ClientSampleId :

DB-13-(10-15)-3-12-22



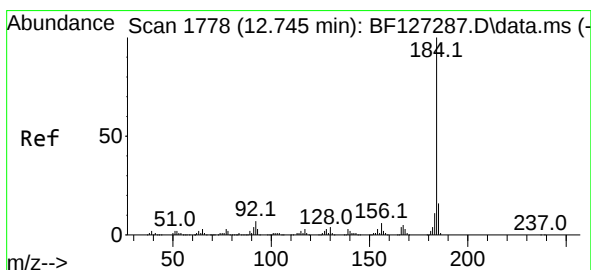
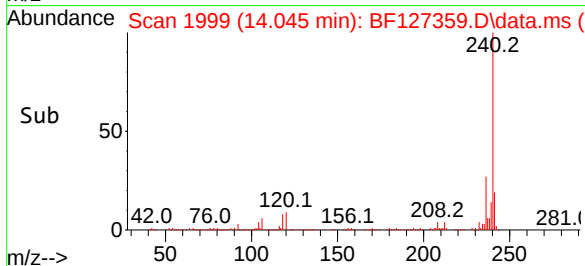
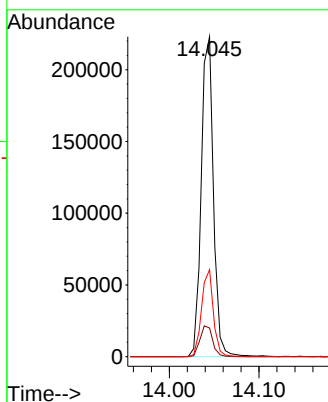
Tgt Ion:240 Resp: 210777

Ion Ratio Lower Upper

240 100

120 9.0 14.4 21.6#

236 27.2 20.5 30.7



#77

Benzidine

Concen: 2.454 ng

RT: 12.986 min Scan# 1819

Delta R.T. 0.241 min

Lab File: BF127359.D

Acq: 16 Mar 2022 20:57

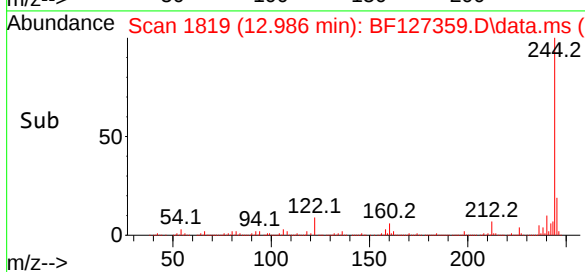
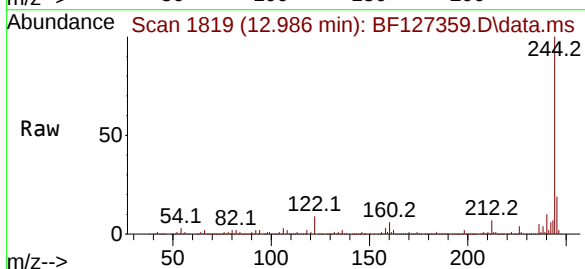
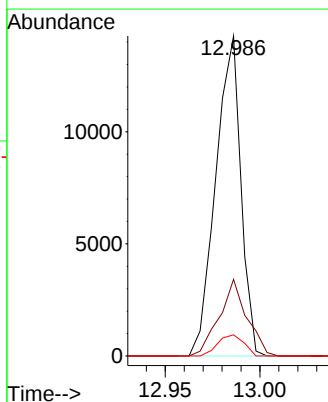
Tgt Ion:184 Resp: 13151

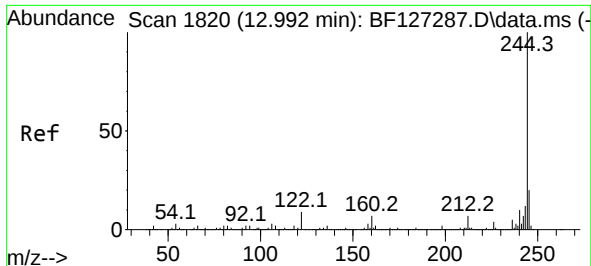
Ion Ratio Lower Upper

184 100

185 23.9 11.8 17.8#

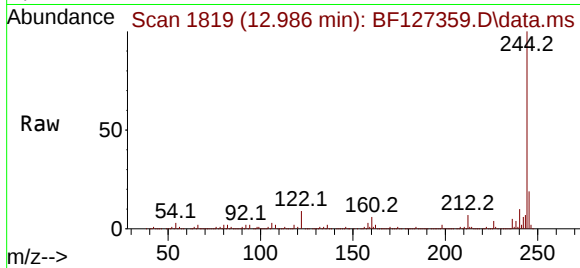
183 6.6 8.2 12.2#



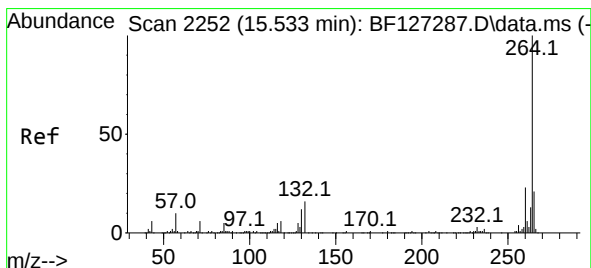
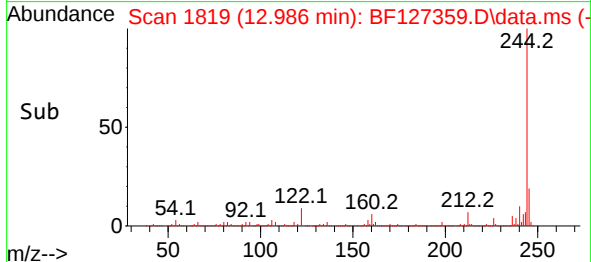
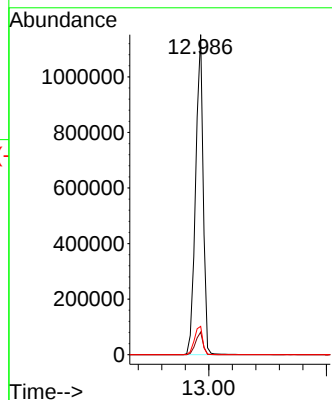


#79
 Terphenyl-d14
 Concen: 84.031 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127359.D
 Acq: 16 Mar 2022 20:57

Instrument :
 BNA_F
 ClientSampleId :
 DB-13-(10-15)-3-12-22



Tgt Ion:244 Resp: 1028587
 Ion Ratio Lower Upper
 244 100
 212 7.1 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: BF127359.D
 Acq: 16 Mar 2022 20:57

Tgt Ion:264 Resp: 187810
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 17.4 26.2

