

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127953.D
 Acq On : 27 Apr 2022 18:59
 Operator : CG\JU
 Sample : N2482-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPN-9

Quant Time: Apr 28 05:16:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

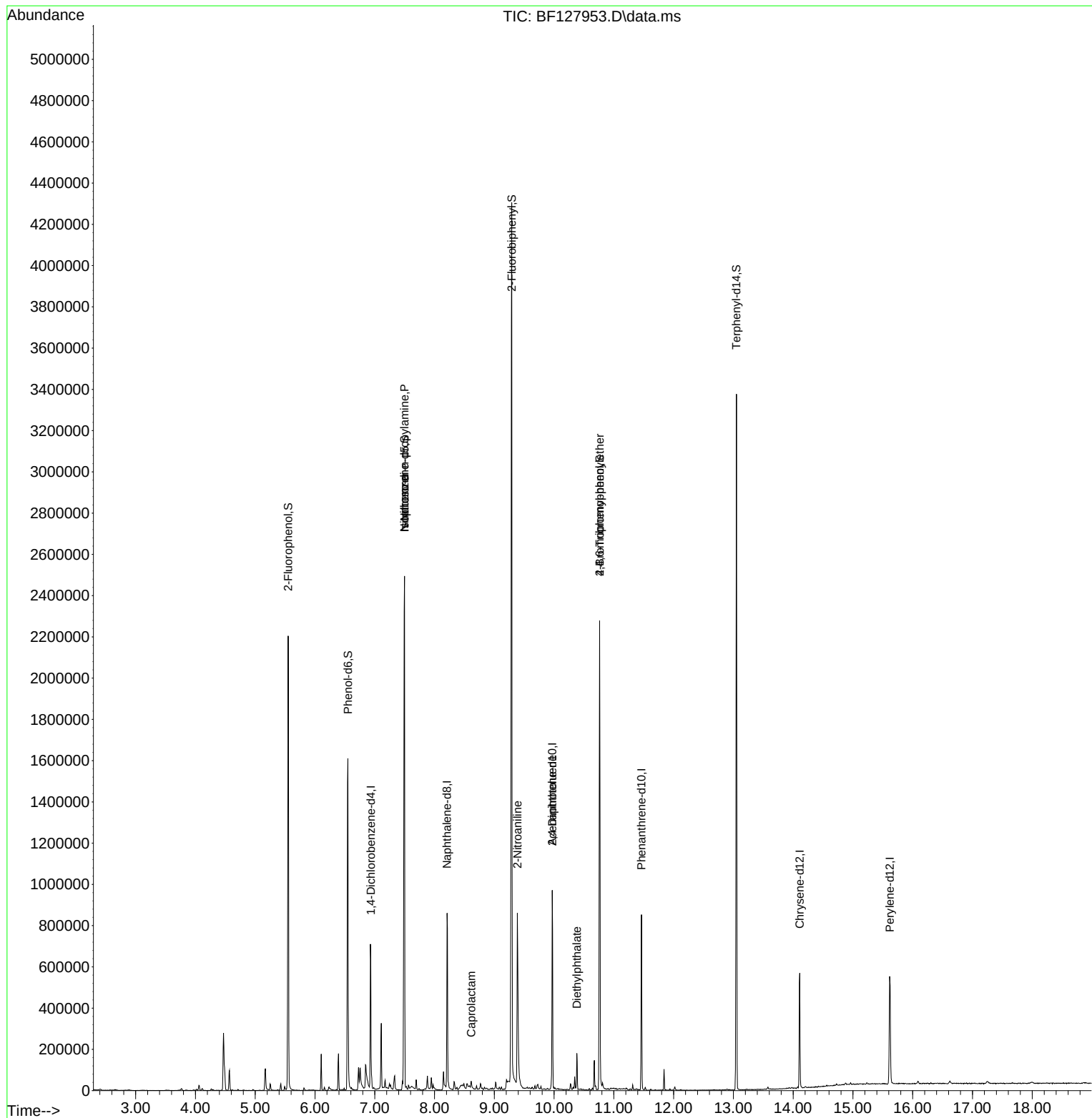
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	96550	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	371919	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	195813	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	293173	20.000	ng	0.00
76) Chrysene-d12	14.110	240	201845	20.000	ng	0.00
86) Perylene-d12	15.615	264	247132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	559157	92.244	ng	0.00
7) Phenol-d6	6.551	99	536956	68.267	ng	-0.01
23) Nitrobenzene-d5	7.498	82	903833	114.277	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	254425	129.072	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1345551	116.250	ng	0.00
79) Terphenyl-d14	13.051	244	1091631	98.893	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	123161	25.580	ng	# 78
25) Isophorone	7.498	82	902964	67.833	ng	# 68
35) Caprolactam	8.616	113	4261	2.336	ng	# 84
48) 2-Nitroaniline	9.386	65	20215	5.412	ng	# 16
57) 2,4-Dinitrotoluene	9.969	165	24998	6.637	ng	# 26
60) Diethylphthalate	10.380	149	57535	4.468	ng	97
67) 4-Bromophenyl-phenylether	10.763	248	15901	4.893	ng	# 1

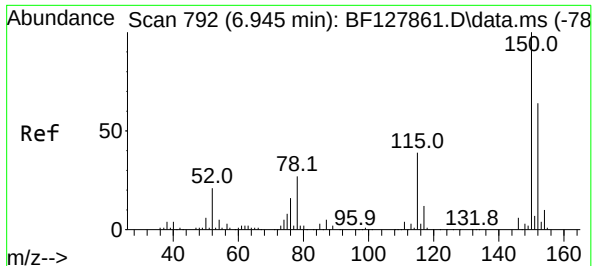
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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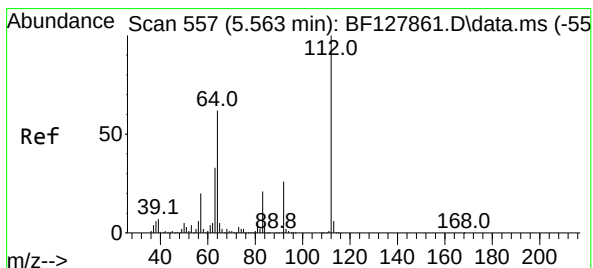
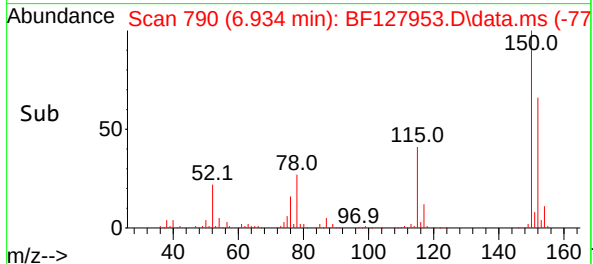
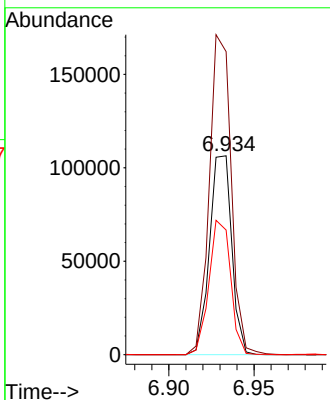
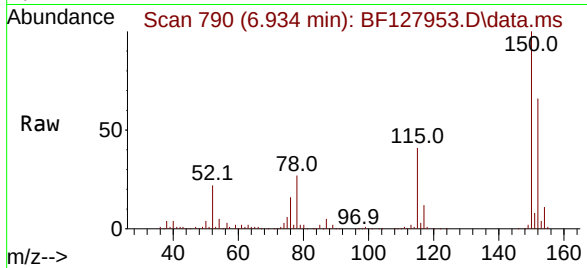




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

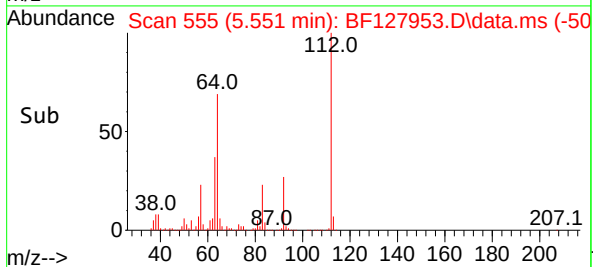
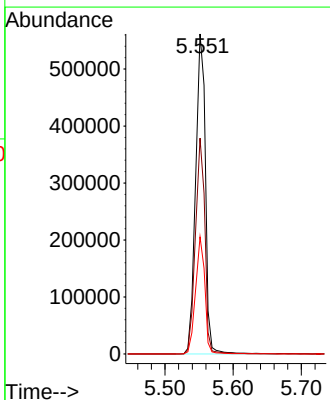
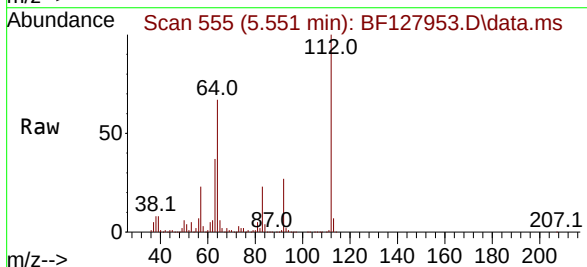
Instrument :
BNA_F
ClientSampleId :
SPN-9

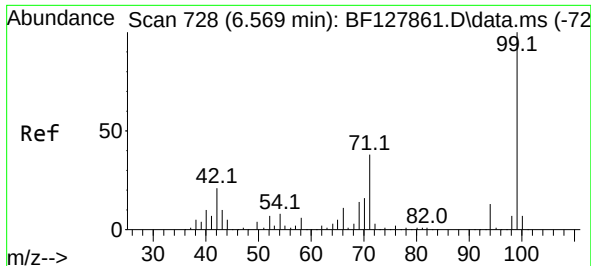
Tgt Ion:152 Resp: 96550
Ion Ratio Lower Upper
152 100
150 152.3 125.3 187.9
115 62.7 48.8 73.2



#5
2-Fluorophenol
Concen: 92.244 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.000 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

Tgt Ion:112 Resp: 559157
Ion Ratio Lower Upper
112 100
64 67.5 49.5 74.3
63 36.6 26.3 39.5

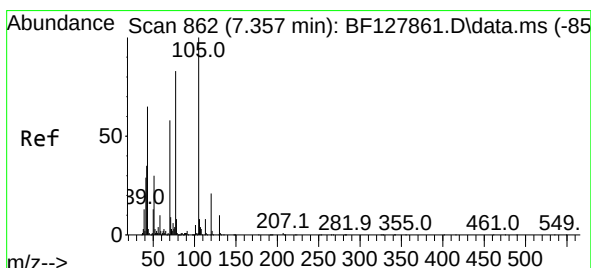
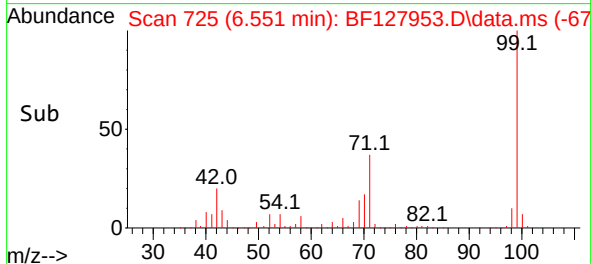
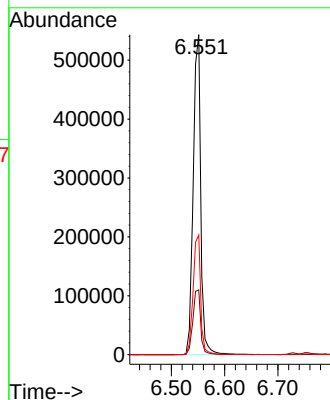
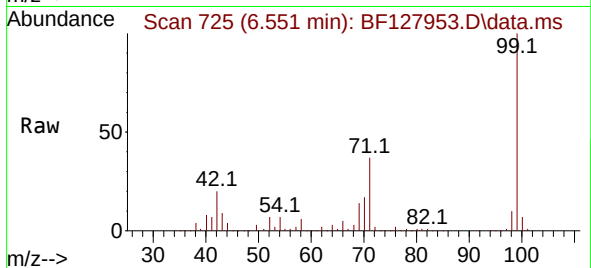




#7
Phenol-d6
Concen: 68.267 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

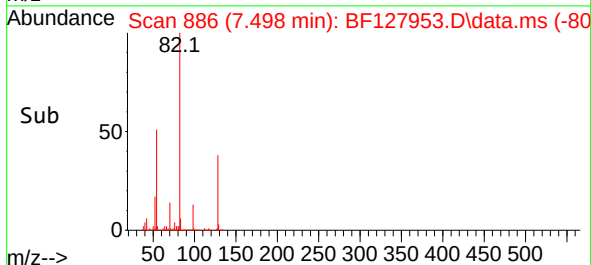
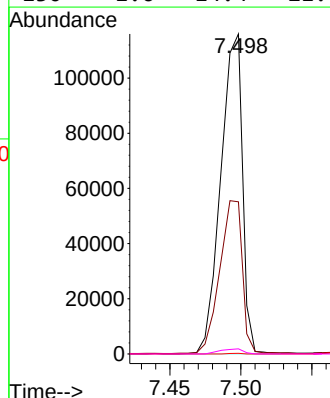
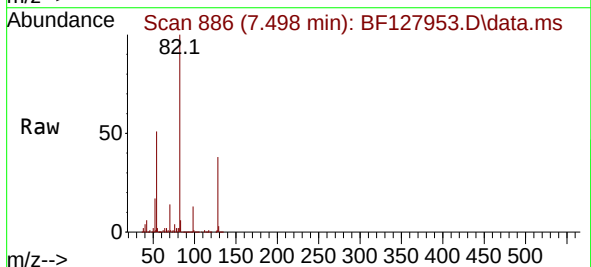
Instrument :
BNA_F
ClientSampleId :
SPN-9

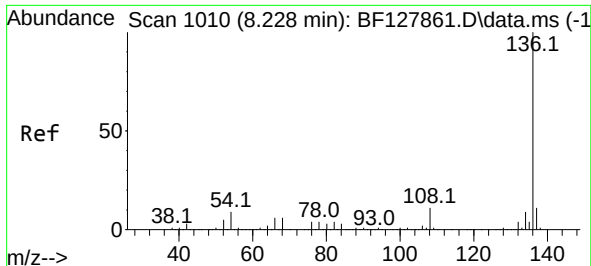
Tgt Ion: 99 Resp: 536956
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 37.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 25.580 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.153 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

Tgt Ion: 70 Resp: 123161
Ion Ratio Lower Upper
70 100
42 47.5 48.7 73.1#
101 0.2 7.2 10.8#
130 1.6 14.4 21.6#

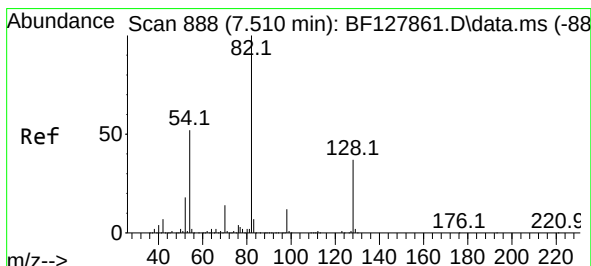
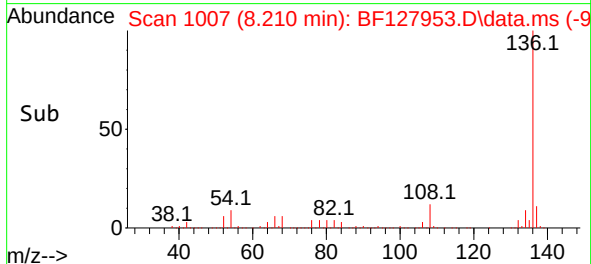
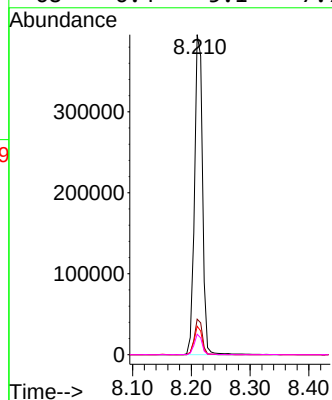
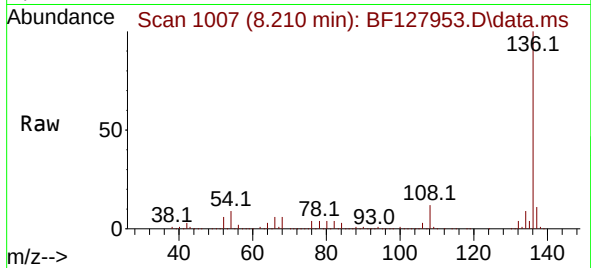




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

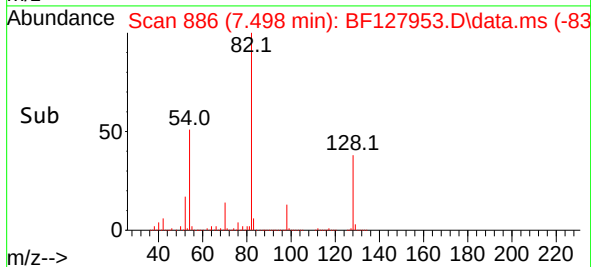
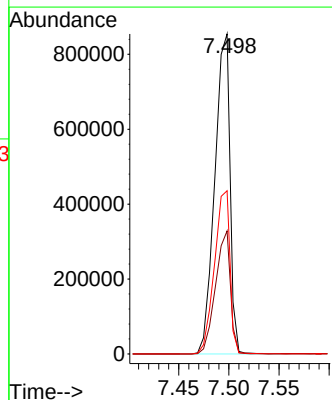
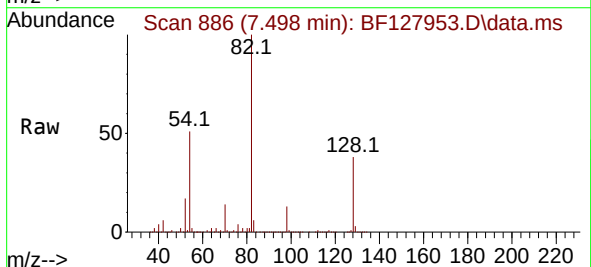
Instrument :
BNA_F
ClientSampleId :
SPN-9

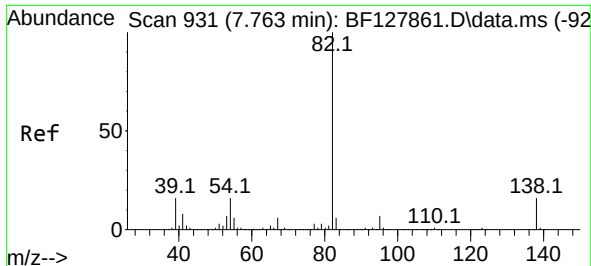
Tgt Ion:136	Resp: 371919
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 8.9	6.8 10.2
68 6.4	5.1 7.7



#23
Nitrobenzene-d5
Concen: 114.277 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

Tgt Ion: 82	Resp: 903833
Ion Ratio	Lower Upper
82 100	
128 38.5	30.0 45.0
54 51.0	41.3 61.9

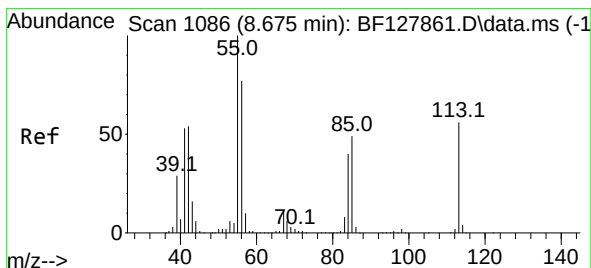
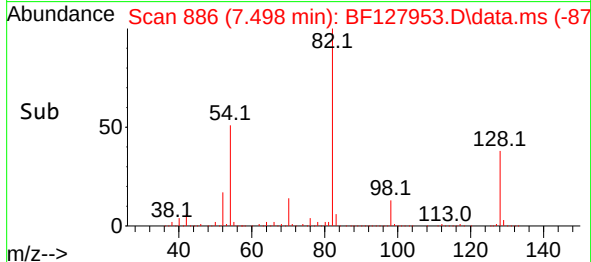
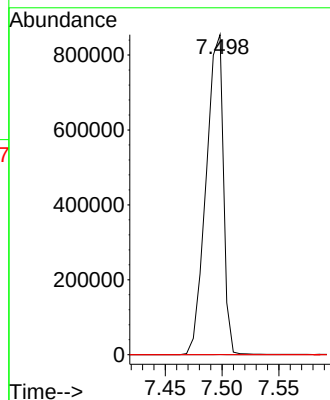
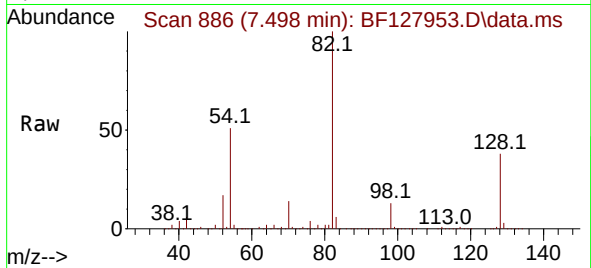




#25
Isophorone
Concen: 67.833 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

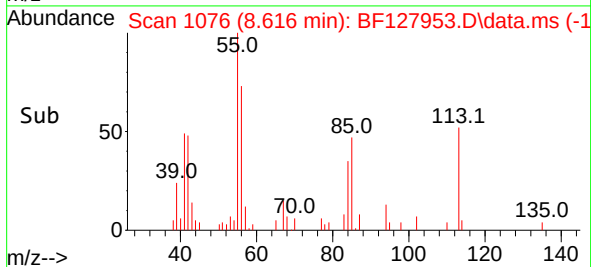
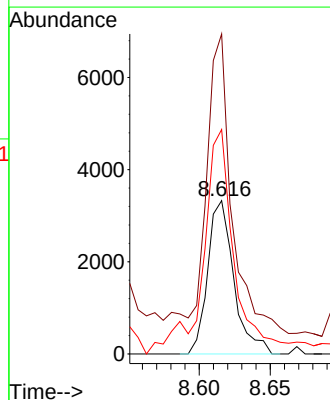
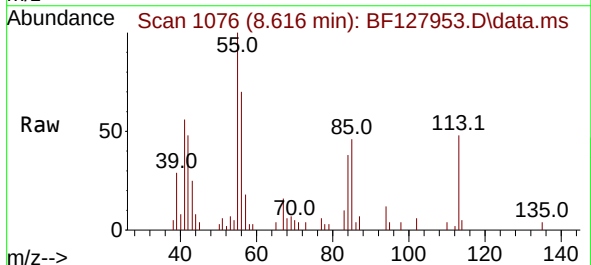
Instrument :
BNA_F
ClientSampleId :
SPN-9

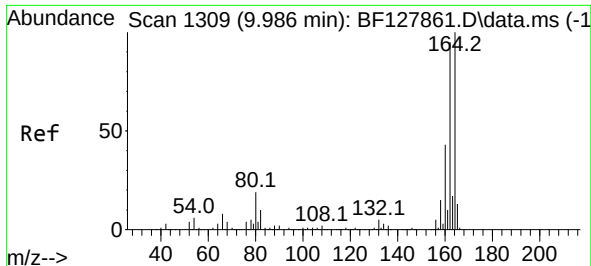
Tgt Ion: 82 Resp: 902964
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#35
Caprolactam
Concen: 2.336 ng
RT: 8.616 min Scan# 1076
Delta R.T. -0.053 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

Tgt Ion: 113 Resp: 4261
Ion Ratio Lower Upper
113 100
55 208.8 157.4 197.4#
56 146.5 116.1 156.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127953.D

Acq: 27 Apr 2022 18:59

Instrument :

BNA_F

ClientSampleId :

SPN-9

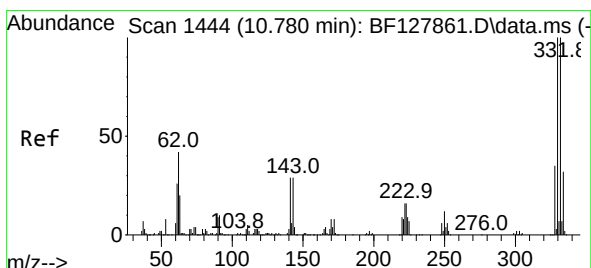
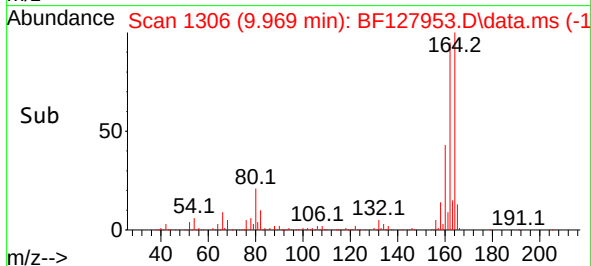
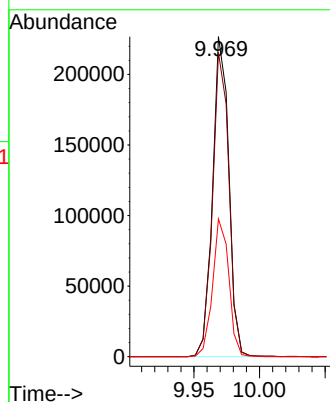
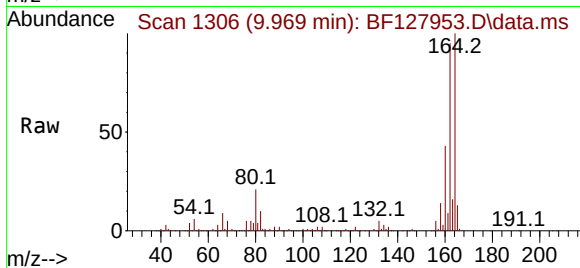
Tgt Ion:164 Resp: 195813

Ion Ratio Lower Upper

164 100

162 95.1 76.0 114.0

160 43.0 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 129.072 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF127953.D

Acq: 27 Apr 2022 18:59

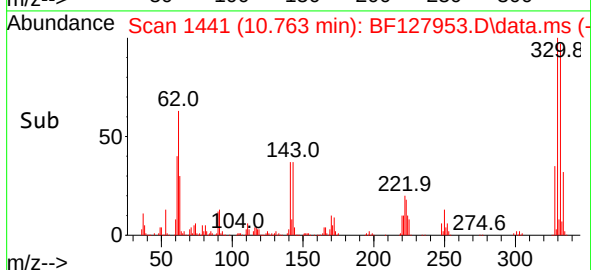
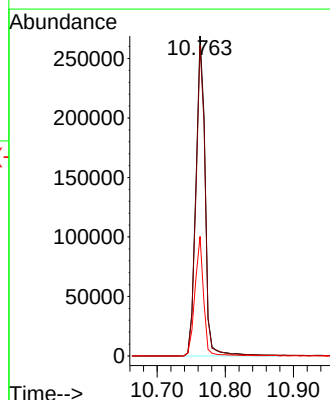
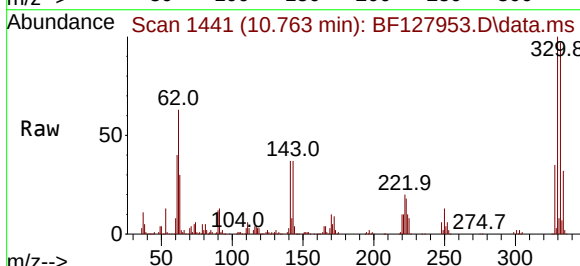
Tgt Ion:330 Resp: 254425

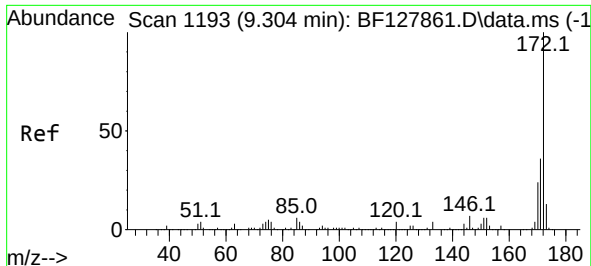
Ion Ratio Lower Upper

330 100

332 96.3 79.0 118.4

141 34.9 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 116.250 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF127953.D

Acq: 27 Apr 2022 18:59

Instrument :

BNA_F

ClientSampleId :

SPN-9

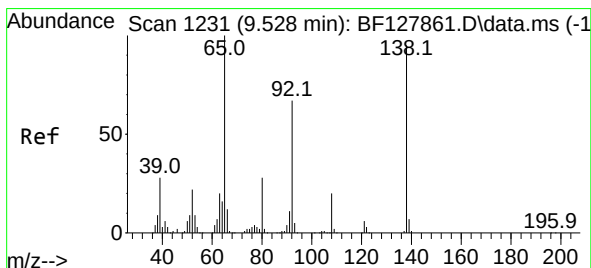
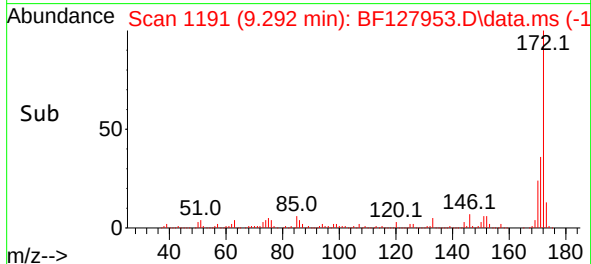
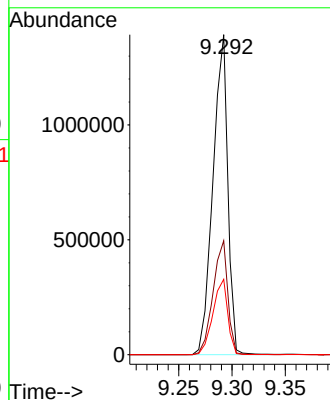
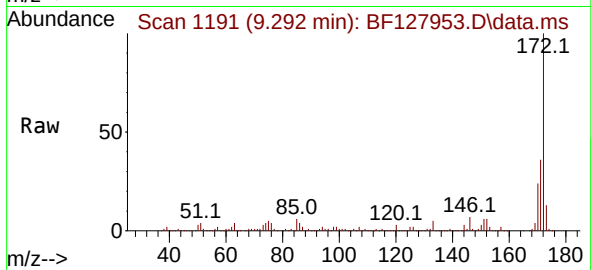
Tgt Ion:172 Resp: 1345551

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.6 19.1 28.7



#48

2-Nitroaniline

Concen: 5.412 ng

RT: 9.386 min Scan# 1207

Delta R.T. -0.135 min

Lab File: BF127953.D

Acq: 27 Apr 2022 18:59

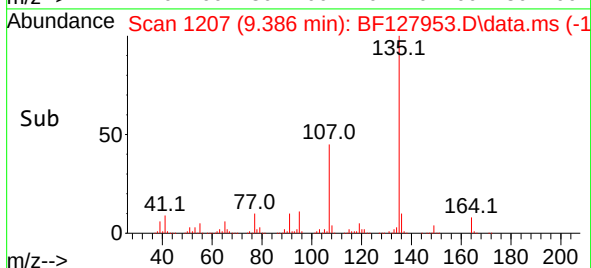
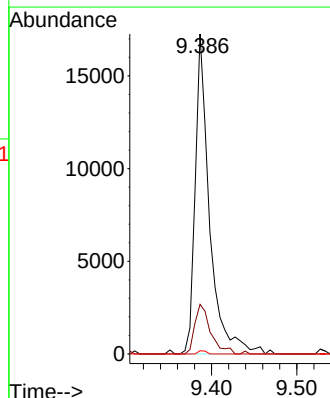
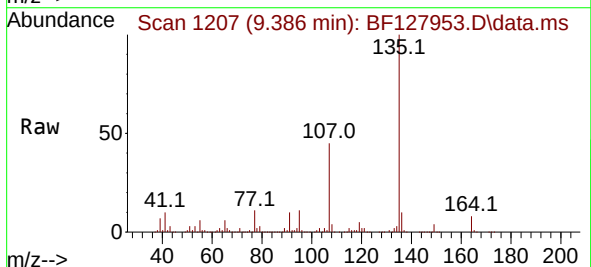
Tgt Ion: 65 Resp: 20215

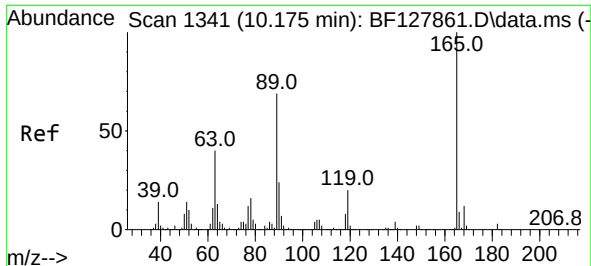
Ion Ratio Lower Upper

65 100

92 15.5 53.7 80.5#

138 1.0 76.4 114.6#

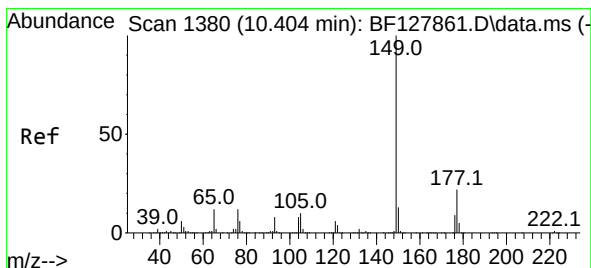
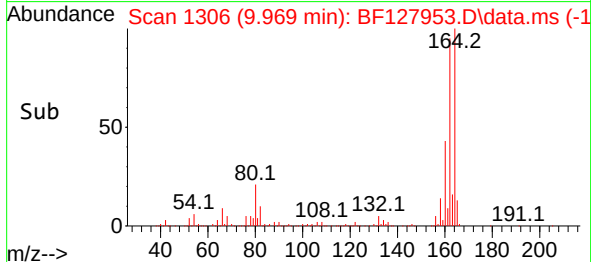
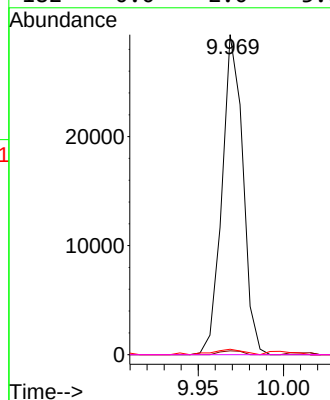
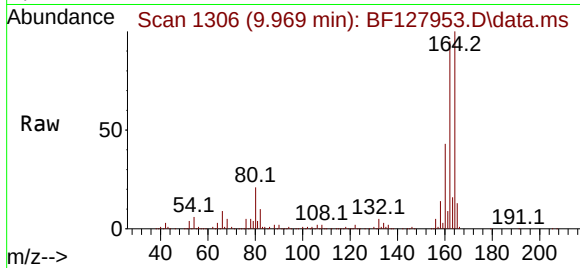




#57
2,4-Dinitrotoluene
Concen: 6.637 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

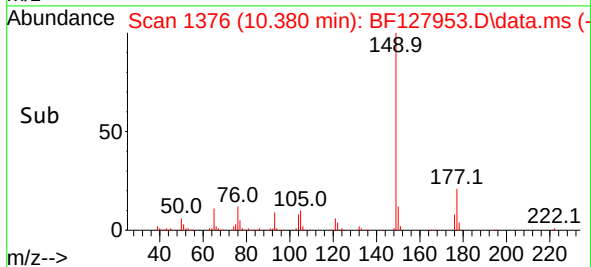
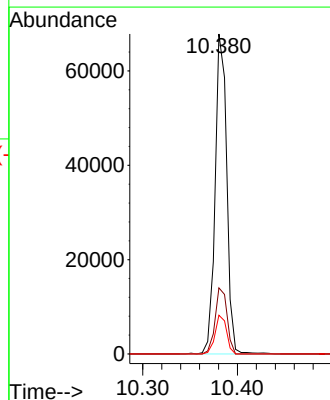
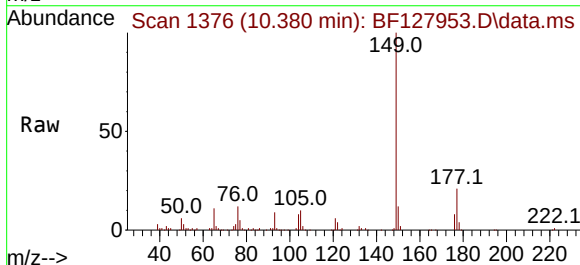
Instrument :
BNA_F
ClientSampleId :
SPN-9

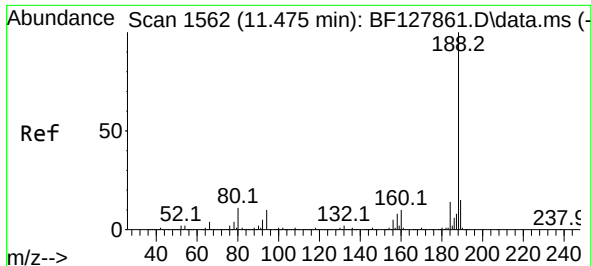
Tgt Ion:165 Resp: 24998
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.7 55.2 82.8#
182 0.0 2.0 3.0#



#60
Diethylphthalate
Concen: 4.468 ng
RT: 10.380 min Scan# 1376
Delta R.T. -0.012 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

Tgt Ion:149 Resp: 57535
Ion Ratio Lower Upper
149 100
177 20.7 17.8 26.8
150 12.1 10.2 15.2

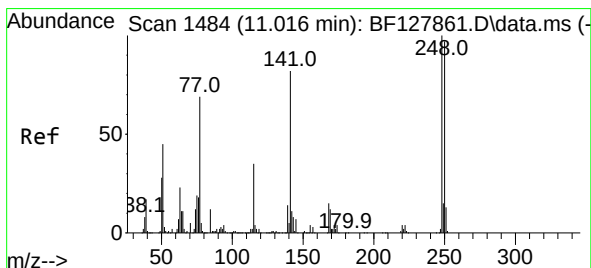
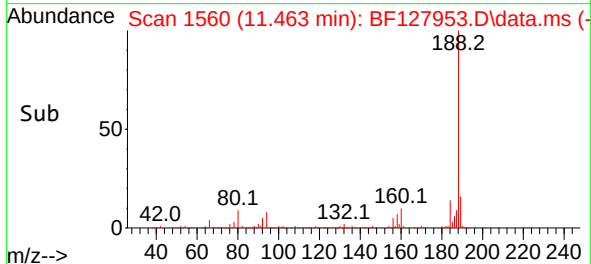
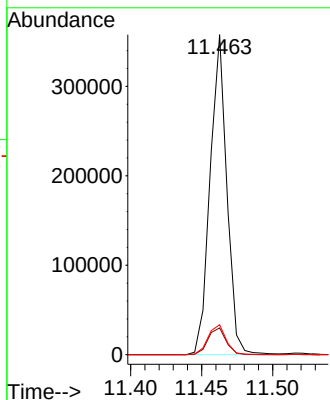
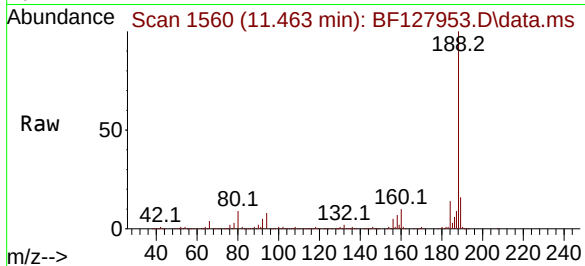




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

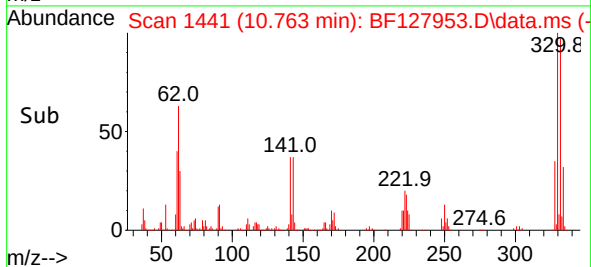
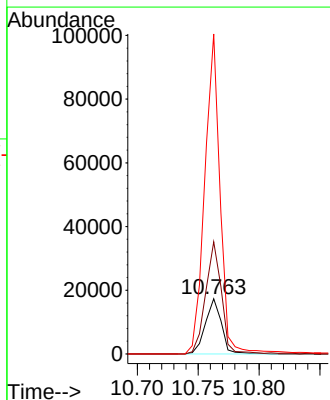
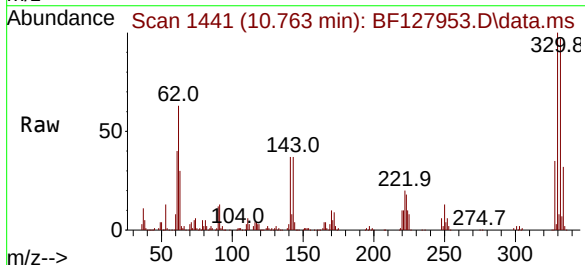
Instrument :
BNA_F
ClientSampleId :
SPN-9

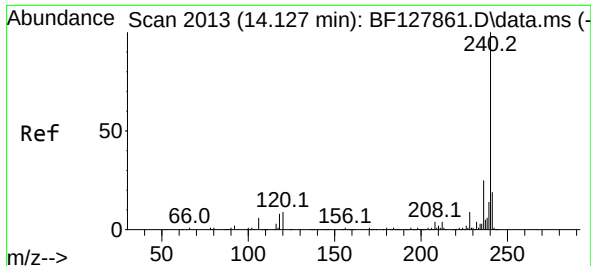
Tgt Ion:188 Resp: 293173
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.893 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

Tgt Ion:248 Resp: 15901
Ion Ratio Lower Upper
248 100
250 203.3 77.7 116.5#
141 579.8 65.6 98.4#

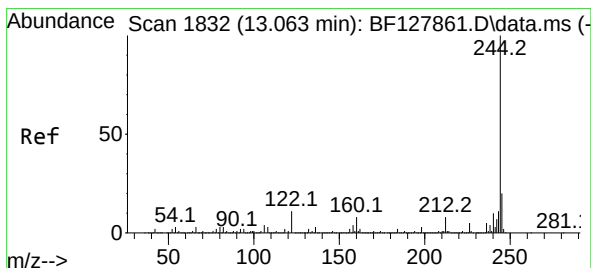
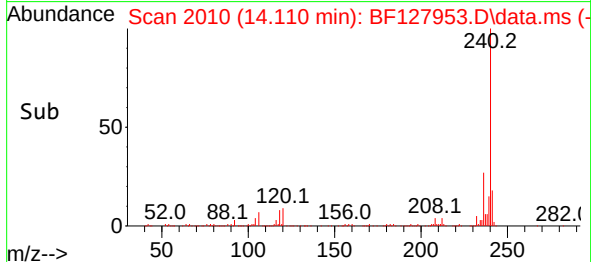
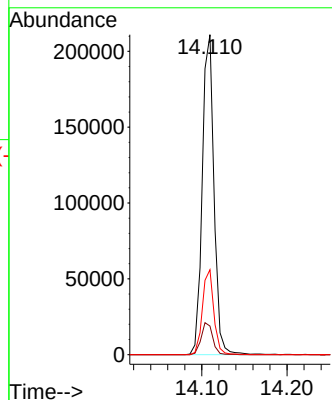
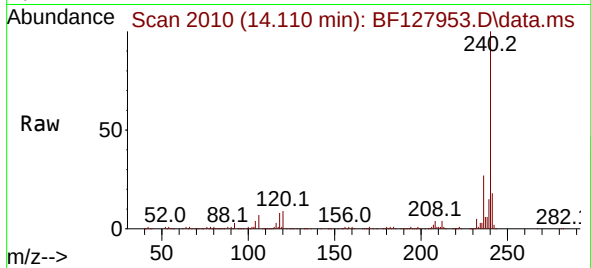




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

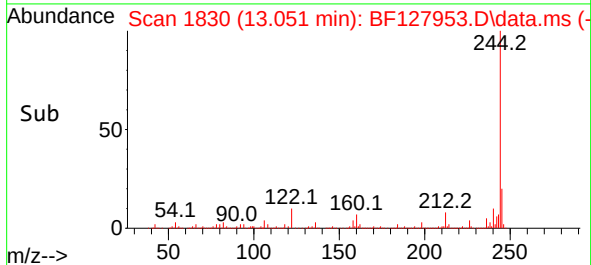
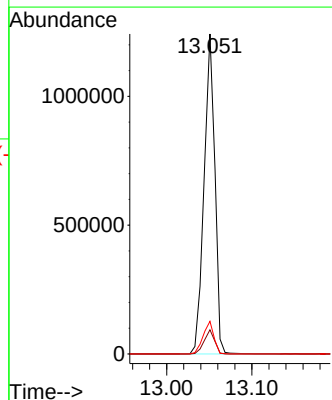
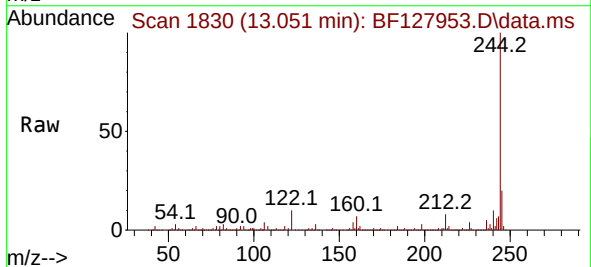
Instrument :
BNA_F
ClientSampleId :
SPN-9

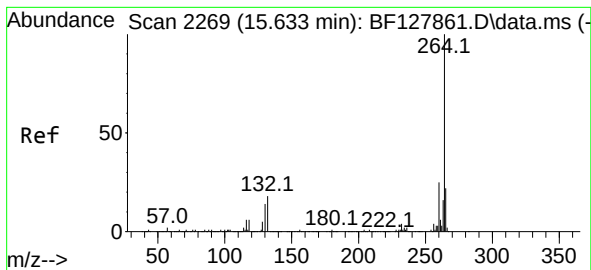
Tgt Ion:240 Resp: 201845
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 26.6 20.3 30.5



#79
Terphenyl-d14
Concen: 98.893 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127953.D
Acq: 27 Apr 2022 18:59

Tgt Ion:244 Resp: 1091631
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 10.2 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127953.D

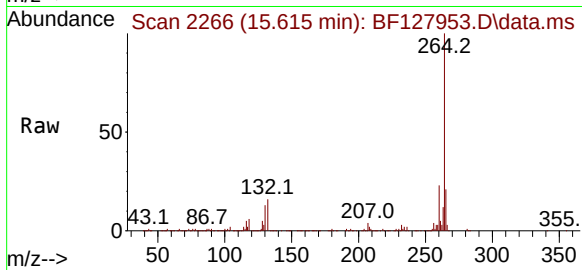
Acq: 27 Apr 2022 18:59

Instrument :

BNA_F

ClientSampleId :

SPN-9



Tgt Ion:264 Resp: 247132

Ion Ratio Lower Upper

264 100

260 23.1 20.1 30.1

265 20.9 17.5 26.3

