

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127820.D
 Acq On : 18 Apr 2022 11:01
 Operator : CG\JU
 Sample : PB144160BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144160BL

Quant Time: Apr 19 05:14:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

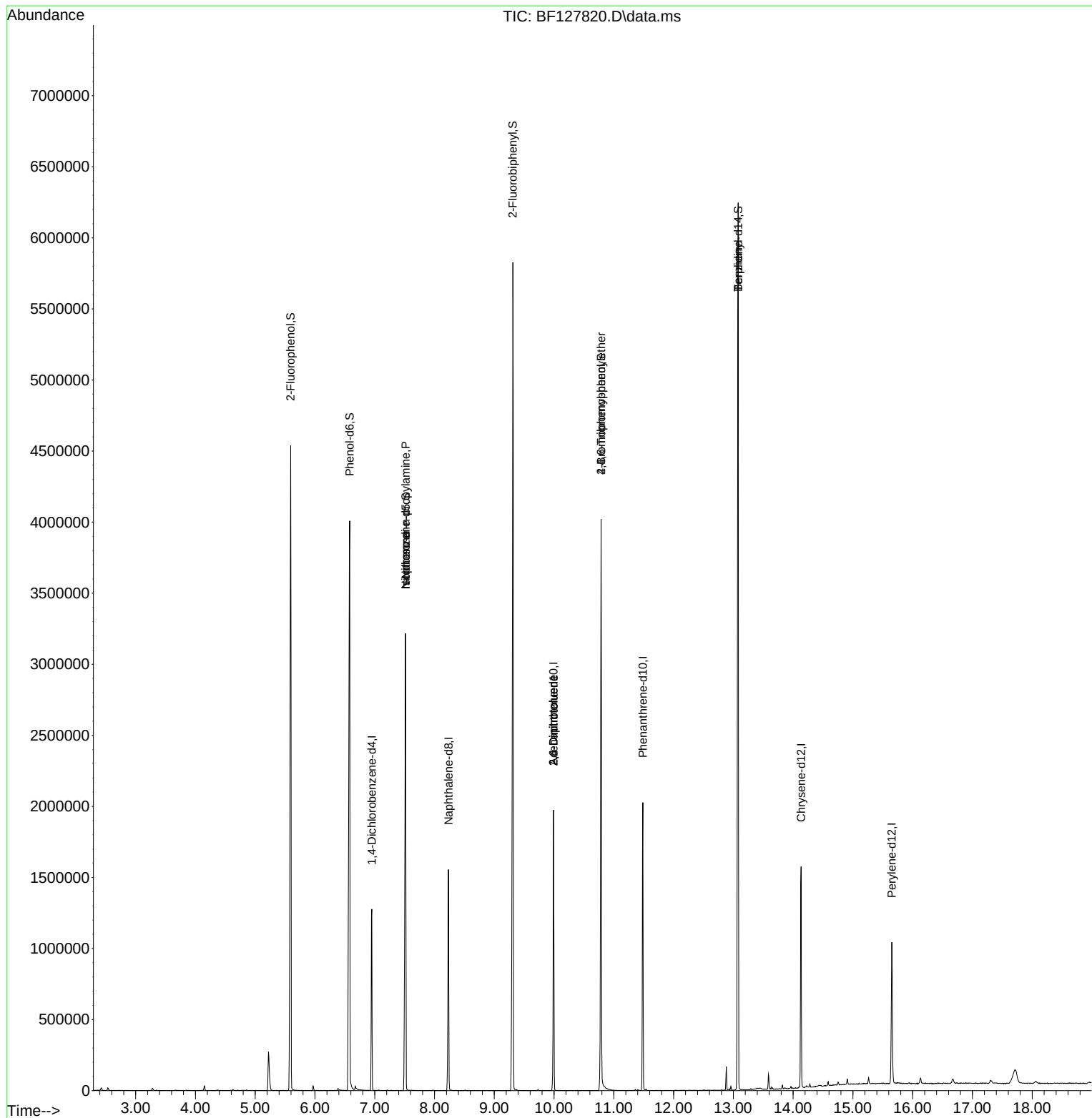
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	194889	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	713916	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	403753	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	743358	20.000	ng	0.00
76) Chrysene-d12	14.133	240	585355	20.000	ng	-0.01
86) Perylene-d12	15.651	264	470406	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1403118	116.986	ng	0.01
7) Phenol-d6	6.581	99	1781898	113.565	ng	0.00
23) Nitrobenzene-d5	7.516	82	1309670	81.784	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	556143	129.440	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	2218535	77.733	ng	-0.01
79) Terphenyl-d14	13.080	244	2566358	72.367	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	3327	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.516	70	177360	17.477	ng	# 74
25) Isophorone	7.516	82	1291608	46.223	ng	# 70
51) 2,6-Dinitrotoluene	9.992	165	52423	9.503	ng	# 17
57) 2,4-Dinitrotoluene	9.992	165	52423	7.665	ng	# 13
67) 4-Bromophenyl-phenylether	10.786	248	36103	4.002	ng	# 1
77) Benzidine	13.080	184	37688	2.467	ng	# 93

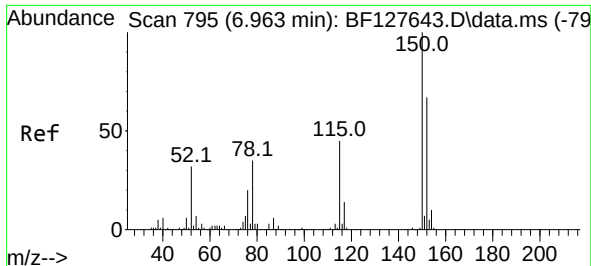
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
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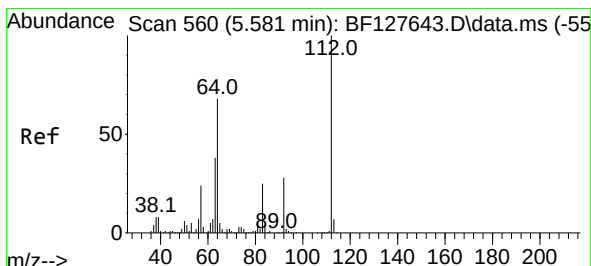
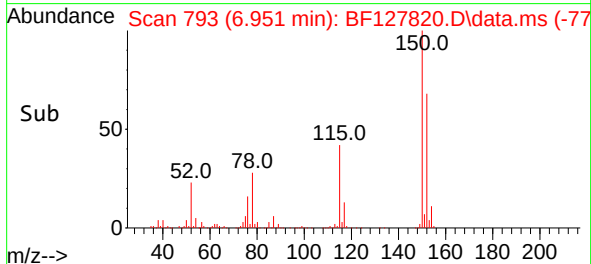
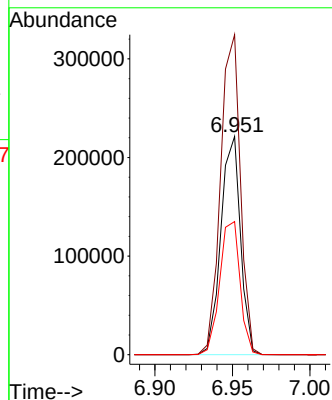
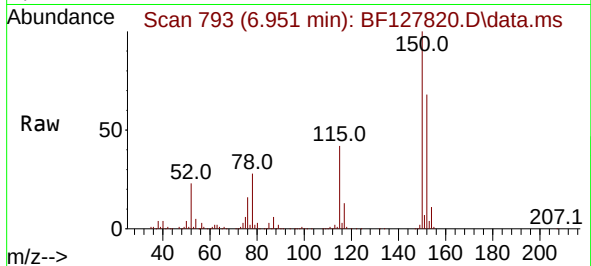




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

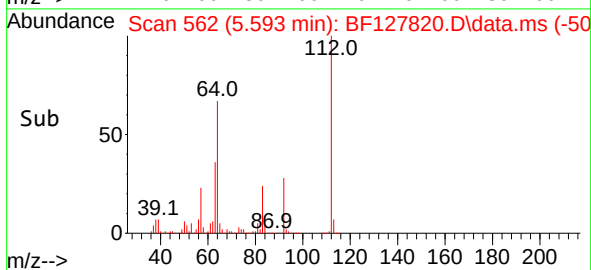
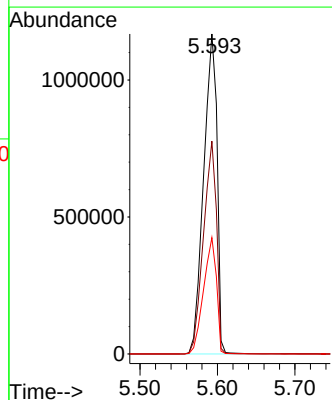
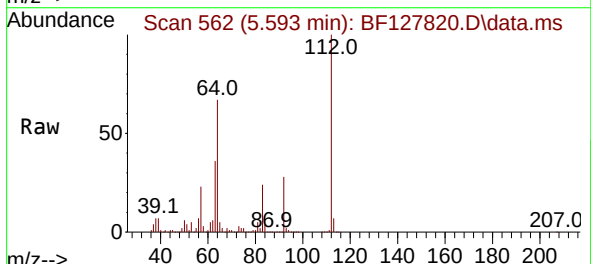
Instrument :
BNA_F
ClientSampleId :
PB144160BL

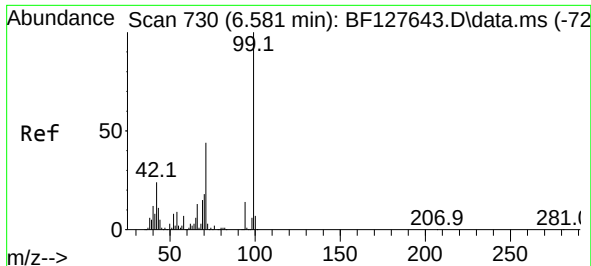
Tgt Ion:152 Resp: 194889
Ion Ratio Lower Upper
152 100
150 146.6 117.2 175.8
115 61.0 49.8 74.6



#5
2-Fluorophenol
Concen: 116.986 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

Tgt Ion:112 Resp: 1403118
Ion Ratio Lower Upper
112 100
64 66.5 58.4 87.6
63 36.3 30.1 45.1



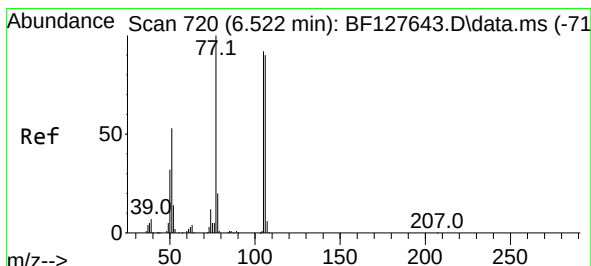
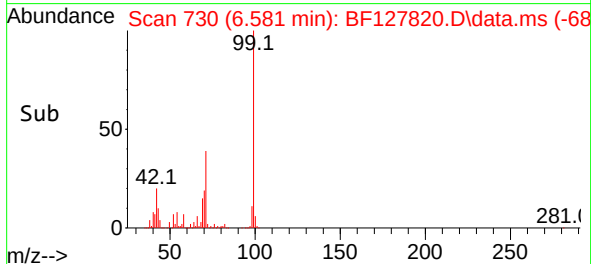
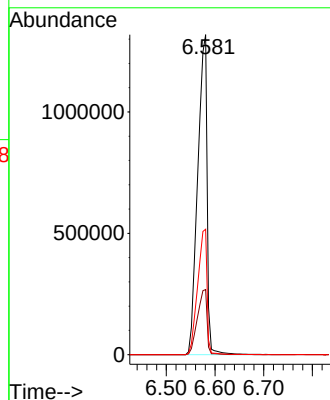
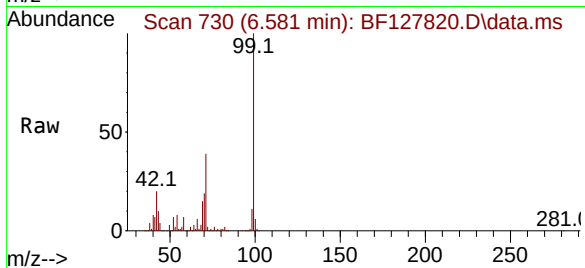


#7
Phenol-d6
Concen: 113.565 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

Instrument :
BNA_F
ClientSampleId :
PB144160BL

Tgt Ion: 99 Resp: 1781898

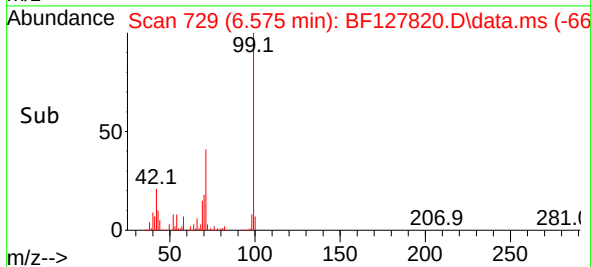
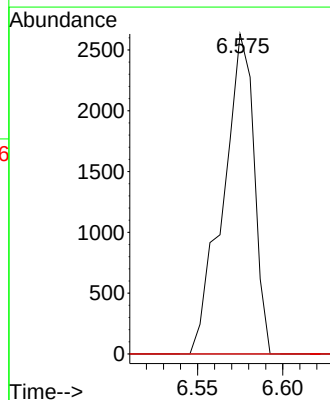
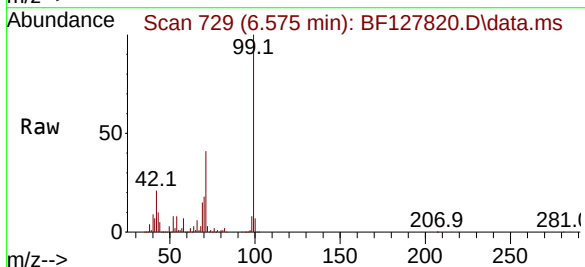
Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.8	26.6
71	39.2	29.6	44.4

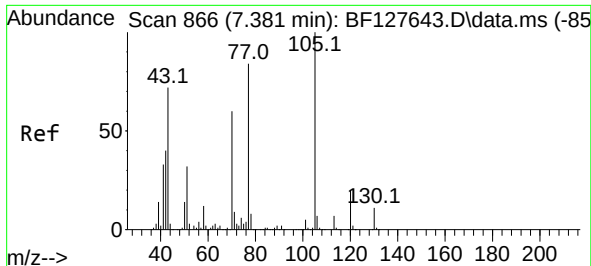


#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 729
Delta R.T. 0.059 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

Tgt Ion: 77 Resp: 3327

Ion	Ratio	Lower	Upper
77	100		
105	0.0	66.8	106.8#
106	0.0	64.3	104.3#

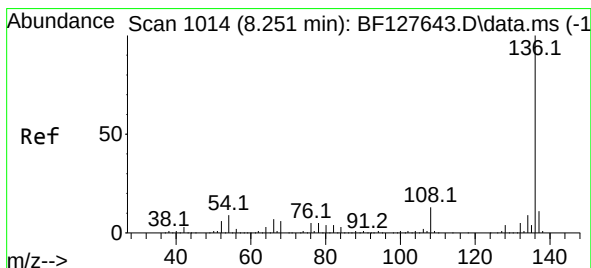
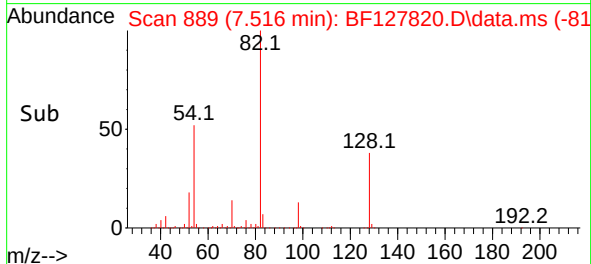
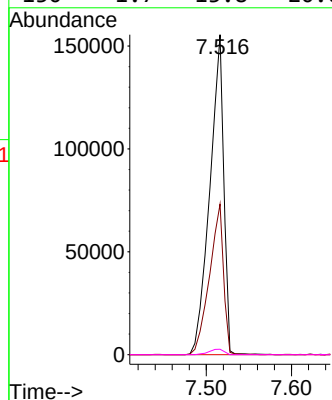
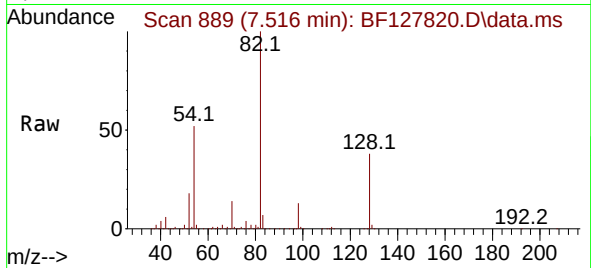




#19
n-Nitroso-di-n-propylamine
Concen: 17.477 ng
RT: 7.516 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

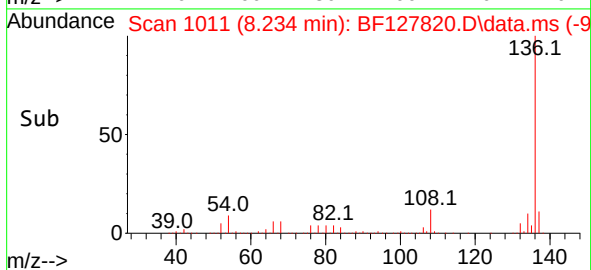
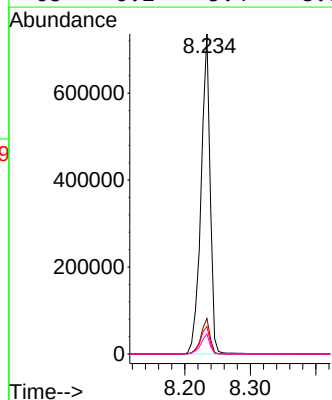
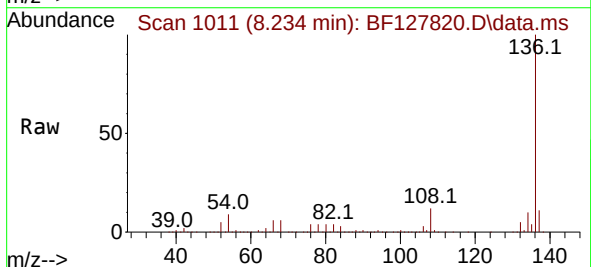
Instrument :
BNA_F
ClientSampleId :
PB144160BL

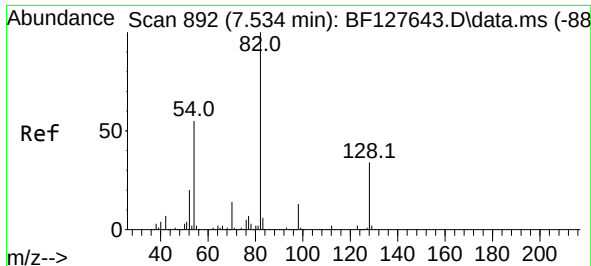
Tgt Ion: 70 Resp: 177360
Ion Ratio Lower Upper
70 100
42 47.1 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

Tgt Ion: 136 Resp: 713916
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.6 9.2 13.8#
68 6.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 81.784 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127820.D

Acq: 18 Apr 2022 11:01

Instrument :

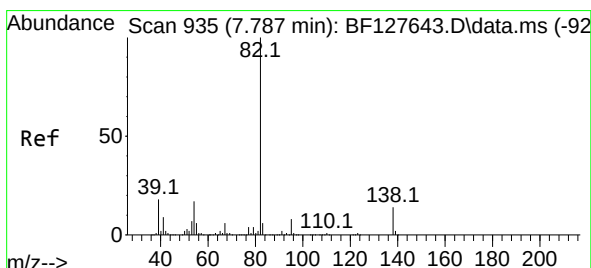
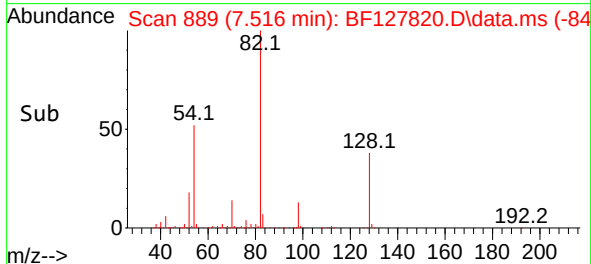
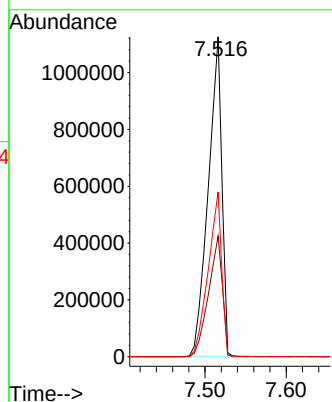
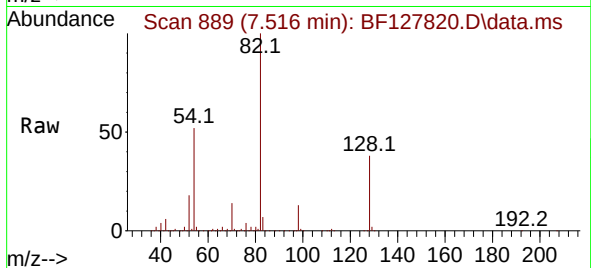
BNA_F

ClientSampleId :

PB144160BL

Tgt Ion: 82 Resp: 1309670

Ion	Ratio	Lower	Upper
82	100		
128	37.6	30.6	45.8
54	51.5	48.2	72.2



#25

Isophorone

Concen: 46.223 ng

RT: 7.516 min Scan# 889

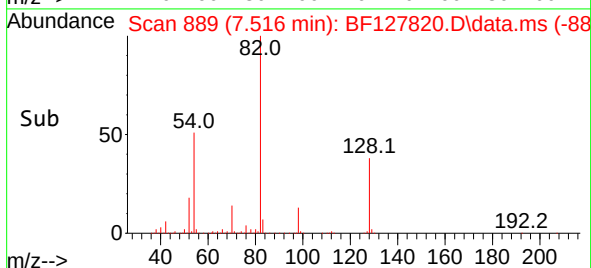
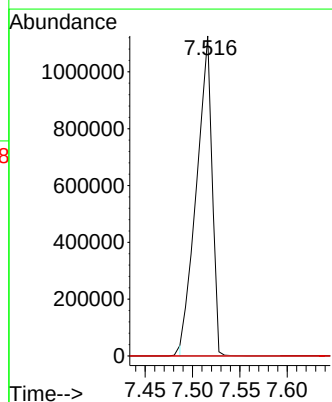
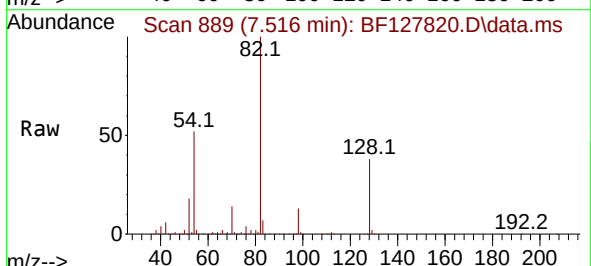
Delta R.T. -0.271 min

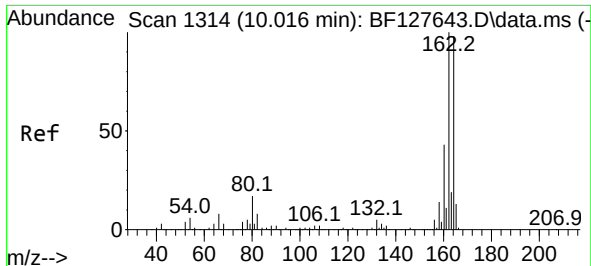
Lab File: BF127820.D

Acq: 18 Apr 2022 11:01

Tgt Ion: 82 Resp: 1291608

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	11.6	17.4#

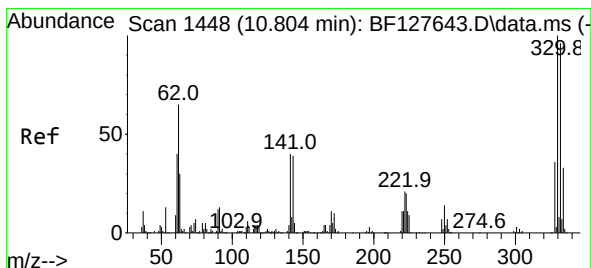
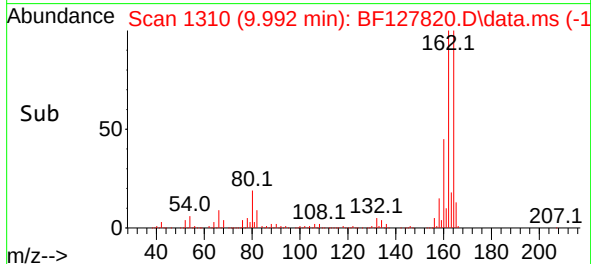
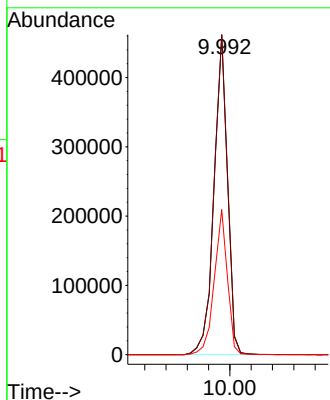
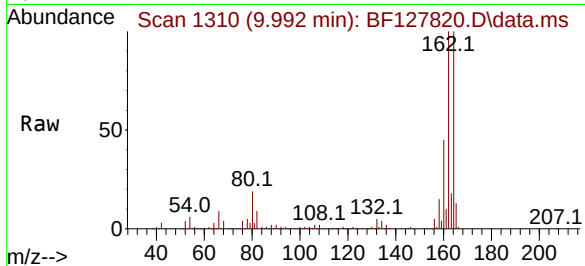




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

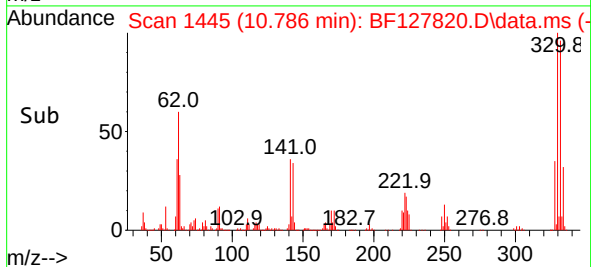
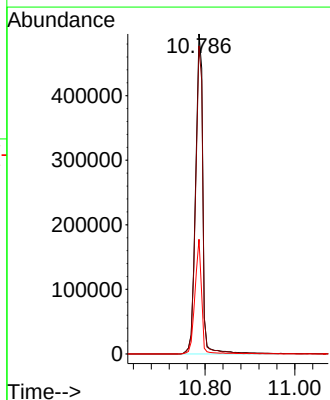
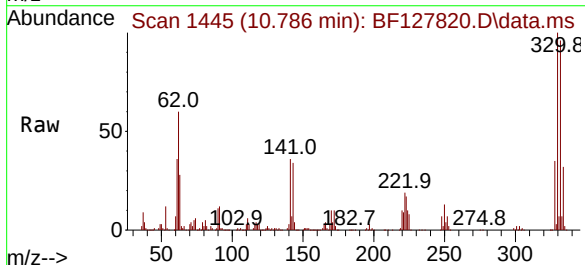
Instrument :
BNA_F
ClientSampleId :
PB144160BL

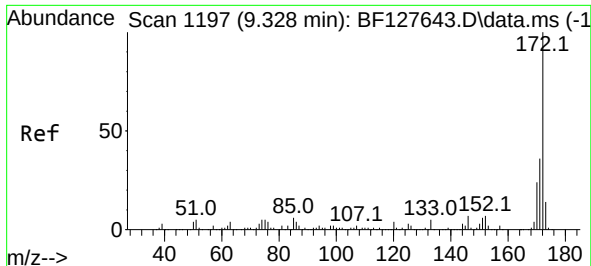
Tgt Ion:164 Resp: 403753
Ion Ratio Lower Upper
164 100
162 100.1 81.2 121.8
160 45.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 129.440 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

Tgt Ion:330 Resp: 556143
Ion Ratio Lower Upper
330 100
332 94.9 79.1 118.7
141 32.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 77.733 ng

RT: 9.310 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF127820.D

Acq: 18 Apr 2022 11:01

Instrument :

BNA_F

ClientSampleId :

PB144160BL

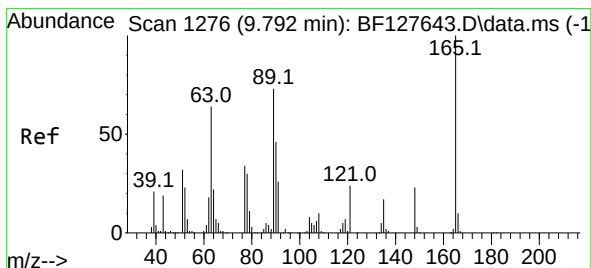
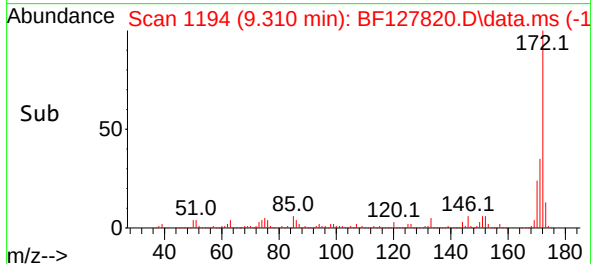
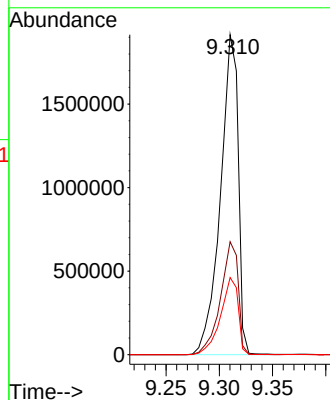
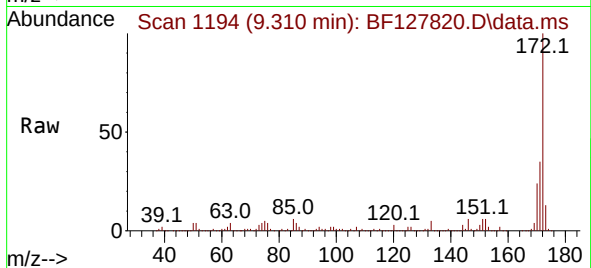
Tgt Ion:172 Resp: 2218535

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.503 ng

RT: 9.992 min Scan# 1310

Delta R.T. 0.206 min

Lab File: BF127820.D

Acq: 18 Apr 2022 11:01

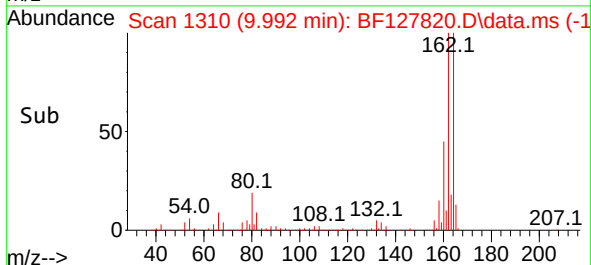
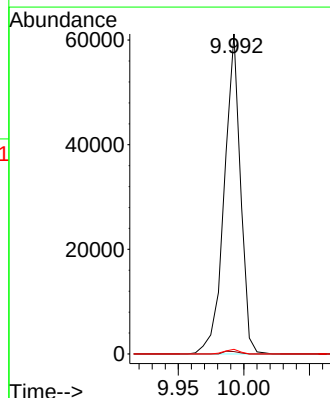
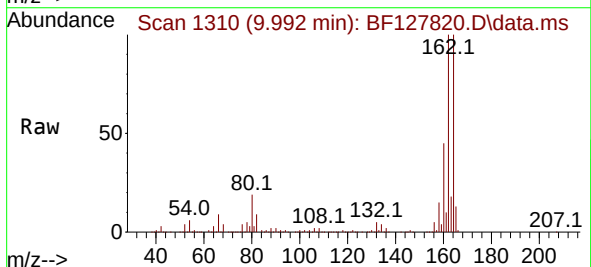
Tgt Ion:165 Resp: 52423

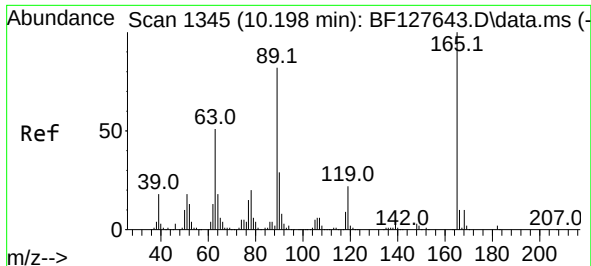
Ion Ratio Lower Upper

165 100

63 0.8 58.3 87.5#

89 1.4 51.5 77.3#

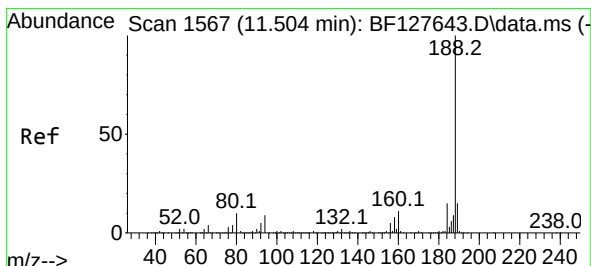
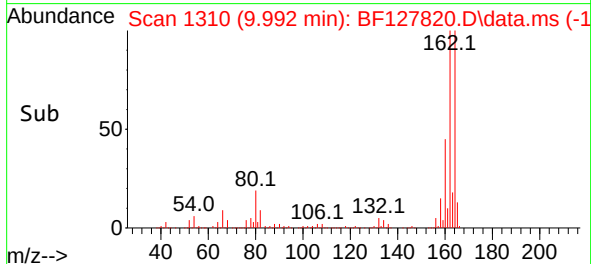
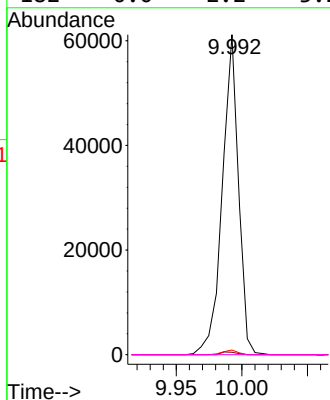
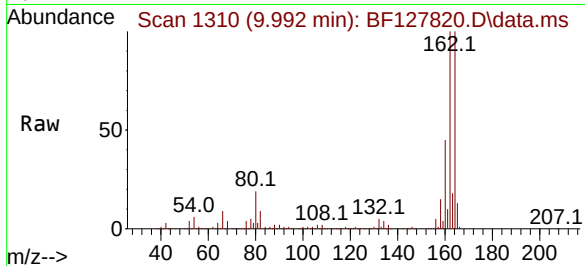




#57
2,4-Dinitrotoluene
Concen: 7.665 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

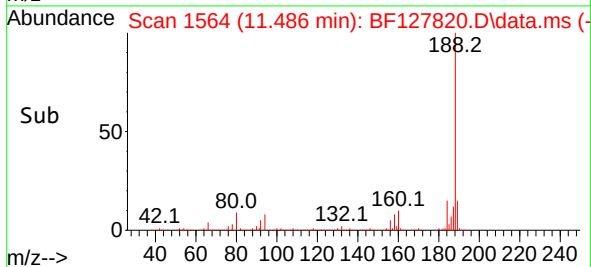
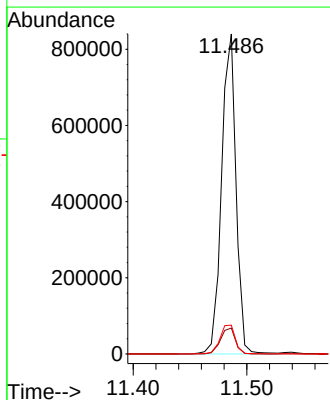
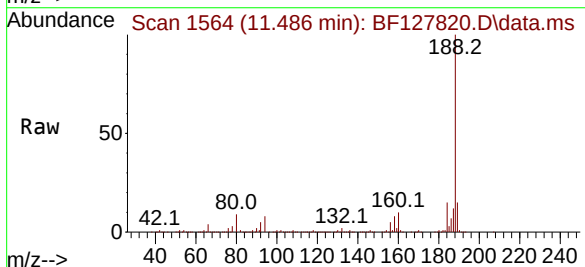
Instrument :
BNA_F
ClientSampleId :
PB144160BL

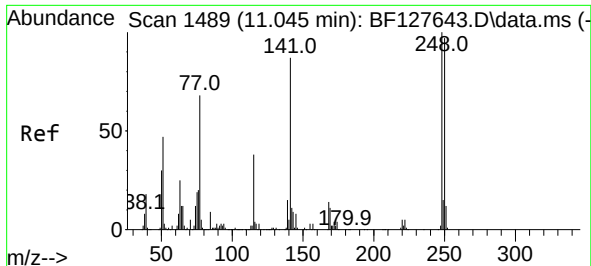
Tgt Ion:165 Resp: 52423
Ion Ratio Lower Upper
165 100
63 0.8 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

Tgt Ion:188 Resp: 743358
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.0
80 9.0 8.0 12.0

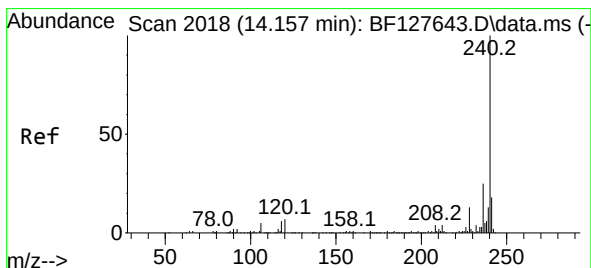
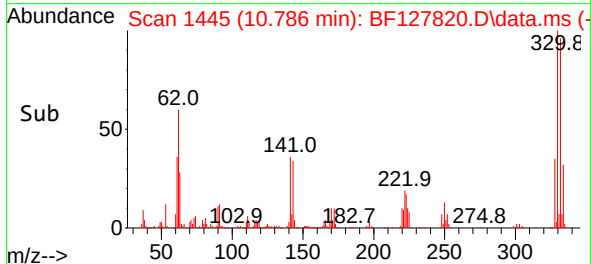
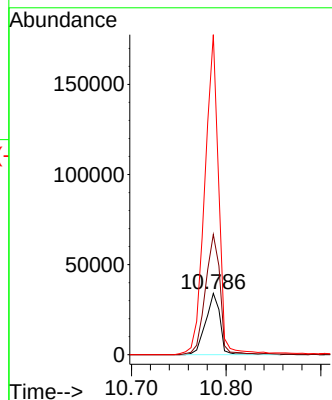
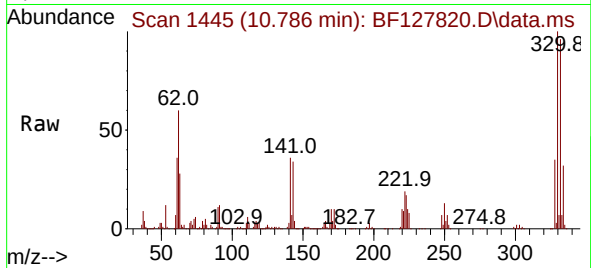




#67
4-Bromophenyl-phenylether
Concen: 4.002 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

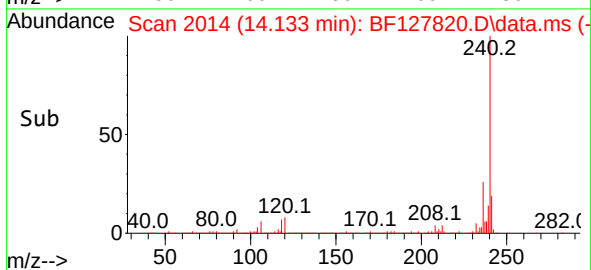
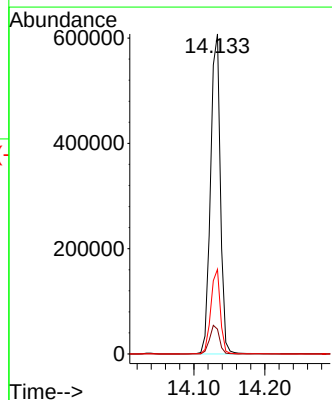
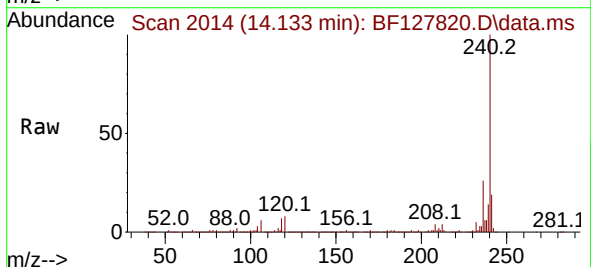
Instrument :
BNA_F
ClientSampleId :
PB144160BL

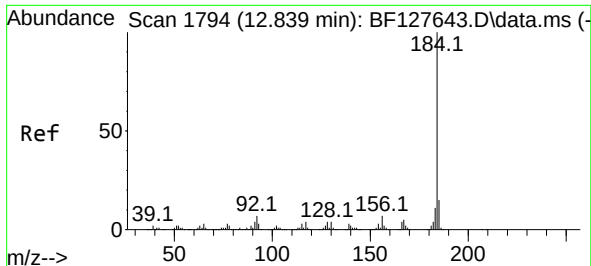
Tgt Ion:248 Resp: 36103
Ion Ratio Lower Upper
248 100
250 196.1 76.6 115.0#
141 522.5 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

Tgt Ion:240 Resp: 585355
Ion Ratio Lower Upper
240 100
120 7.8 7.1 10.7
236 26.5 20.7 31.1

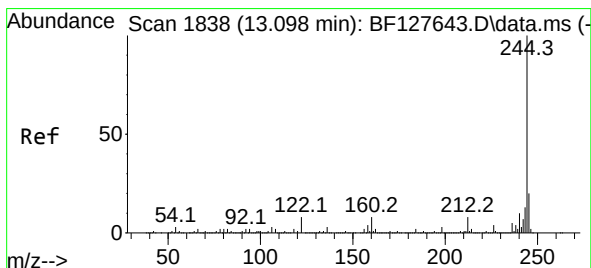
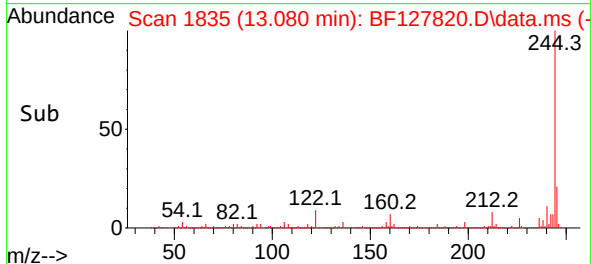
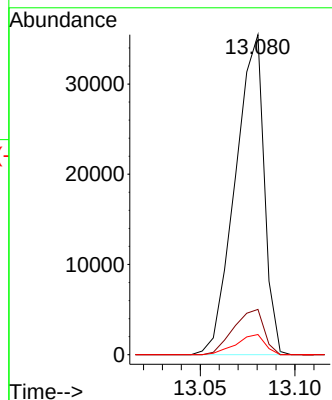
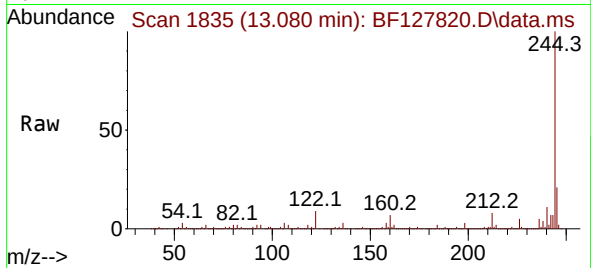




#77
Benzidine
Concen: 2.467 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.253 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

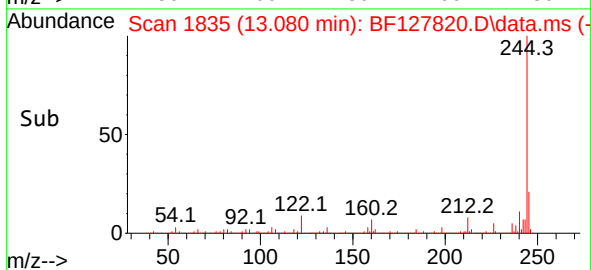
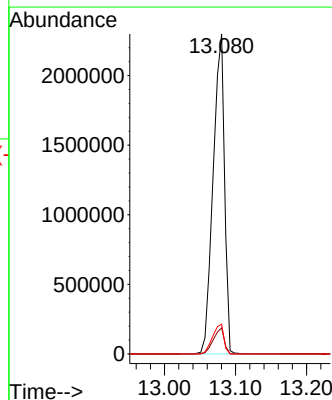
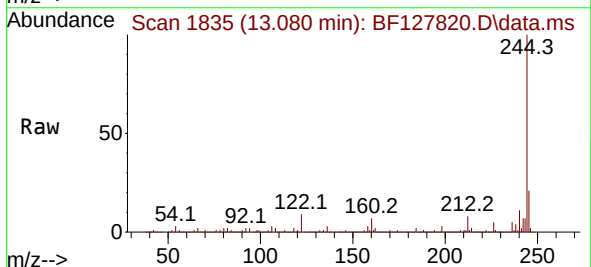
Instrument :
BNA_F
ClientSampleId :
PB144160BL

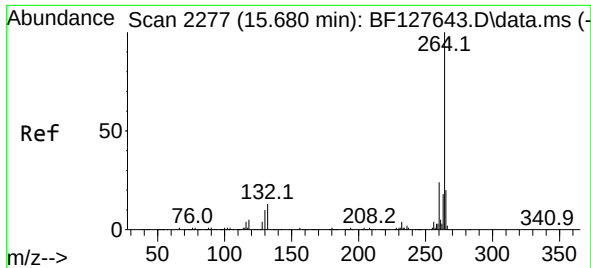
Tgt Ion:184 Resp: 37688
Ion Ratio Lower Upper
184 100
185 14.2 12.2 18.2
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 72.367 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF127820.D
Acq: 18 Apr 2022 11:01

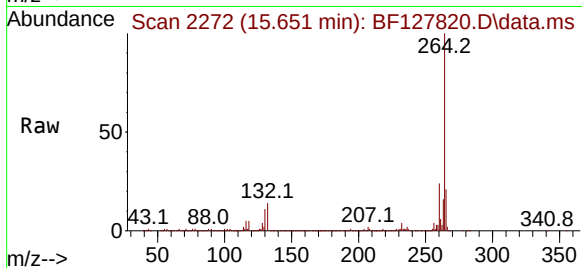
Tgt Ion:244 Resp: 2566358
Ion Ratio Lower Upper
244 100
212 8.2 5.7 8.5
122 9.3 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.651 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF127820.D
 Acq: 18 Apr 2022 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB144160BL



Tgt Ion:264 Resp: 470406
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.4 17.4 26.2

