

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127803.D
 Acq On : 15 Apr 2022 15:04
 Operator : CG\JU
 Sample : N2432-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4115

Quant Time: Apr 18 01:24:14 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)

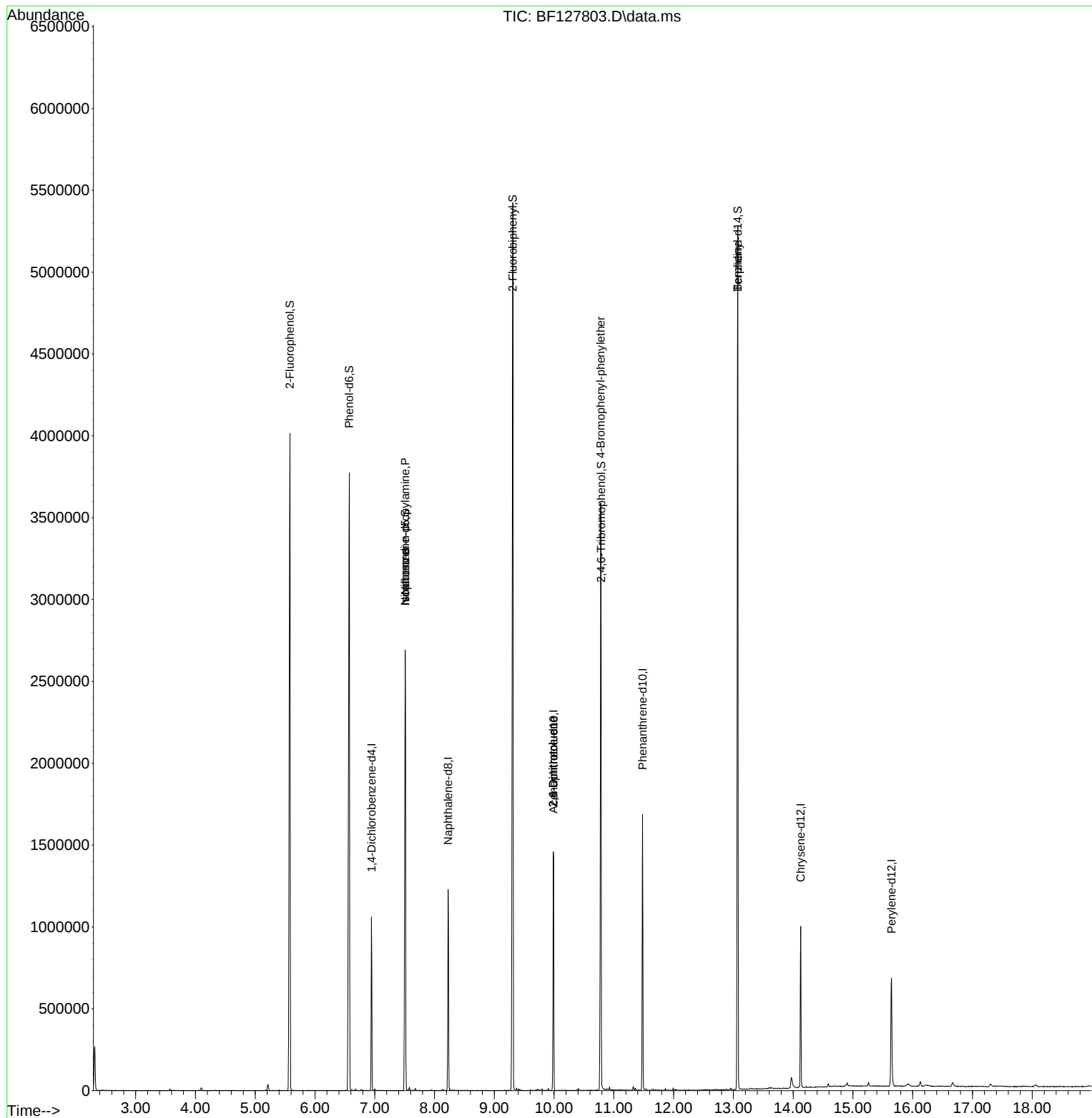
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	148652	20.000	ng	-0.02
21) Naphthalene-d8	8.228	136	547974	20.000	ng	#-0.02
39) Acenaphthene-d10	9.992	164	317688	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	581326	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	340287	20.000	ng	-0.02
86) Perylene-d12	15.645	264	319786	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1135623	124.134	ng	0.00
7) Phenol-d6	6.575	99	1480052	123.667	ng	-0.01
23) Nitrobenzene-d5	7.510	82	1060676	86.293	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	449363	132.921	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1844033	82.115	ng	-0.01
79) Terphenyl-d14	13.074	244	1971527	95.631	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	86	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.510	70	142777	18.445	ng	# 75
25) Isophorone	7.510	82	1057122	49.288	ng	# 70
51) 2,6-Dinitrotoluene	9.986	165	41968	9.669	ng	# 17
57) 2,4-Dinitrotoluene	9.986	165	41968	7.799	ng	# 14
67) 4-Bromophenyl-phenylether	10.780	248	30254	4.288	ng	# 1
77) Benizidine	13.074	184	28035	3.156	ng	# 92

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

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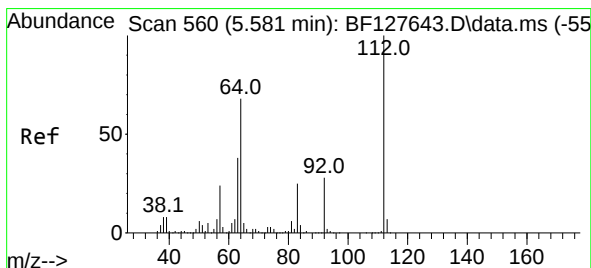
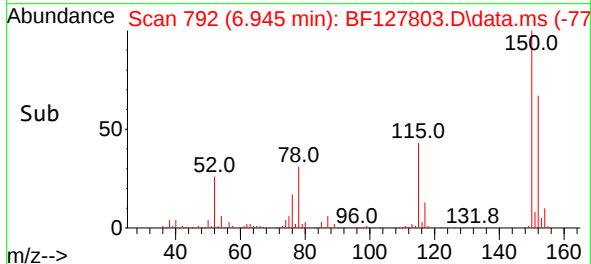
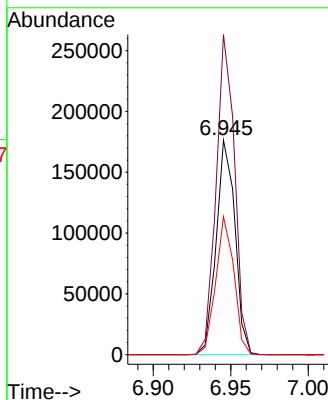
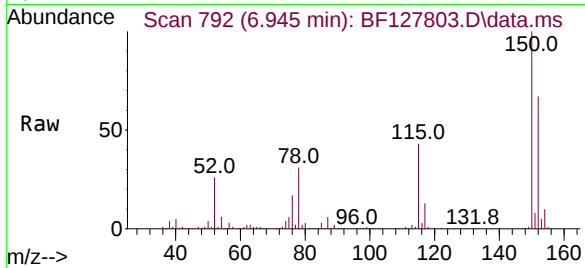




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127803.D
Acq: 15 Apr 2022 15:04

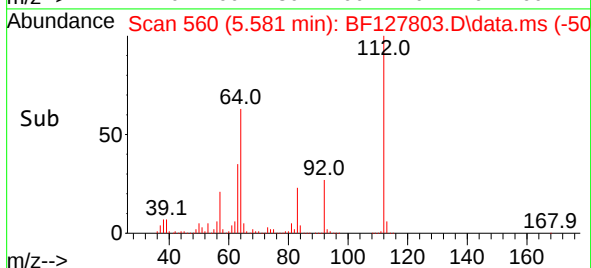
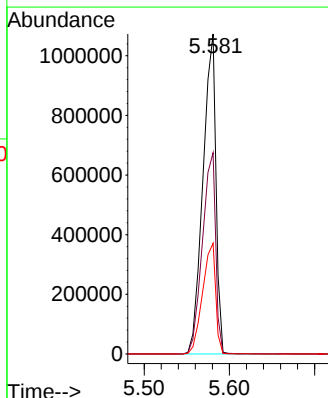
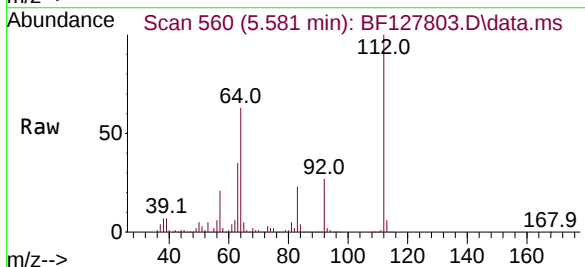
Instrument :
BNA_F
ClientSampleId :
SB-4115

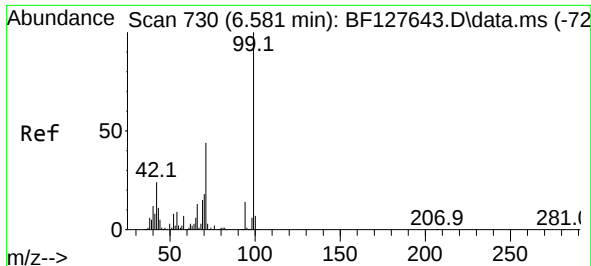
Tgt Ion:152 Resp: 148652
Ion Ratio Lower Upper
152 100
150 149.1 117.2 175.8
115 64.3 49.8 74.6



#5
2-Fluorophenol
Concen: 124.134 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127803.D
Acq: 15 Apr 2022 15:04

Tgt Ion:112 Resp: 1135623
Ion Ratio Lower Upper
112 100
64 62.9 58.4 87.6
63 34.6 30.1 45.1





#7

Phenol-d6

Concen: 123.667 ng

RT: 6.575 min Scan# 717

Delta R.T. -0.012 min

Lab File: BF127803.D

Acq: 15 Apr 2022 15:04

Instrument :

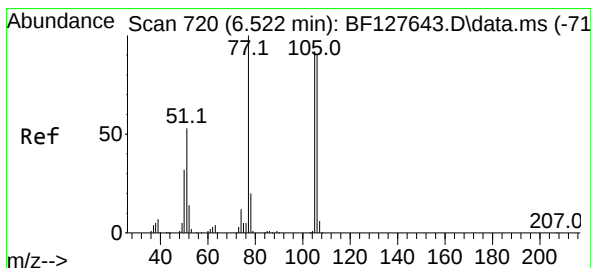
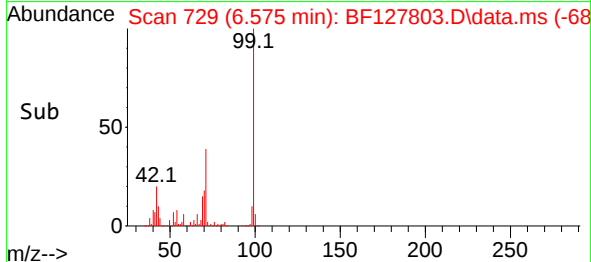
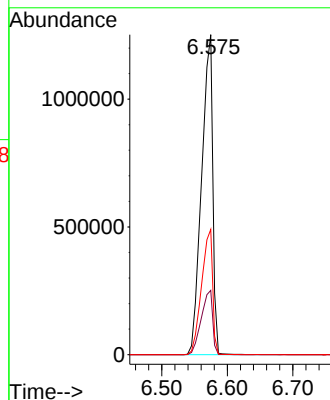
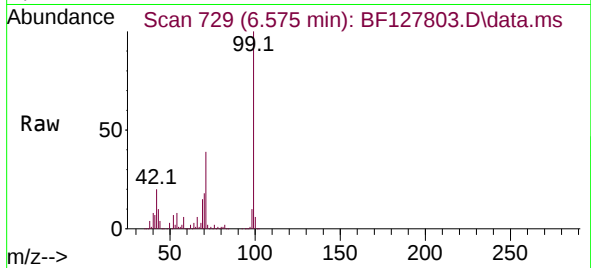
BNA_F

ClientSampleId :

SB-4115

Tgt Ion: 99 Resp: 1480052

Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.8	26.6
71	39.2	29.6	44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.504 min Scan# 717

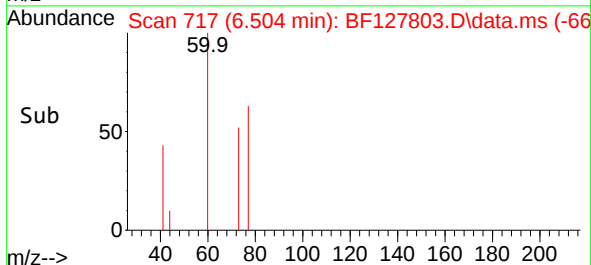
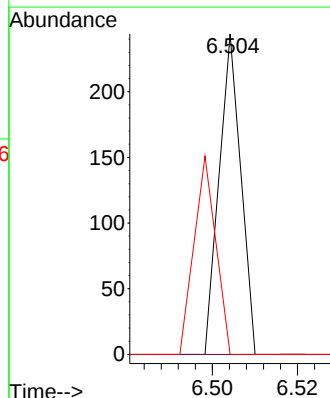
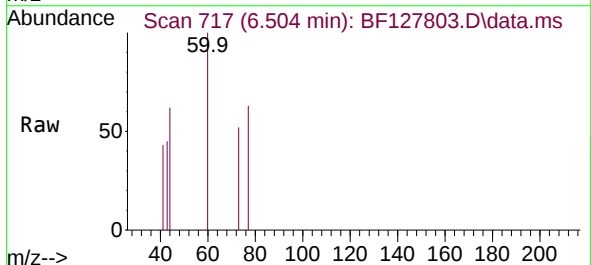
Delta R.T. -0.012 min

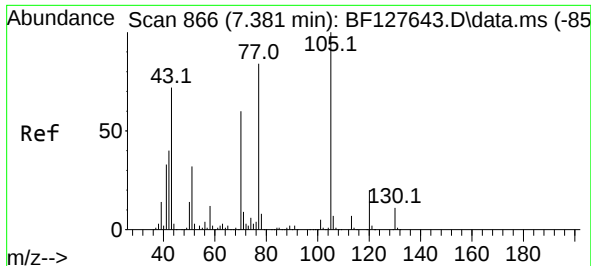
Lab File: BF127803.D

Acq: 15 Apr 2022 15:04

Tgt Ion: 77 Resp: 86

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: 18.445 ng

RT: 7.510 min Scan# 81

Delta R.T. 0.135 min

Lab File: BF127803.D

Acq: 15 Apr 2022 15:04

Instrument :

BNA_F

ClientSampleId :

SB-4115

Tgt Ion: 70 Resp: 142777

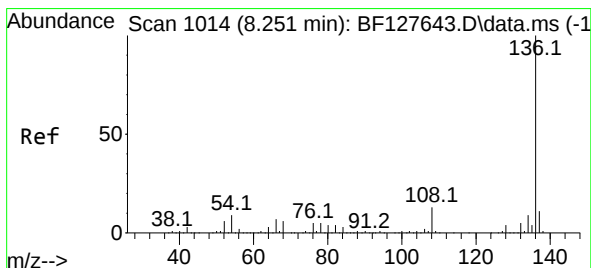
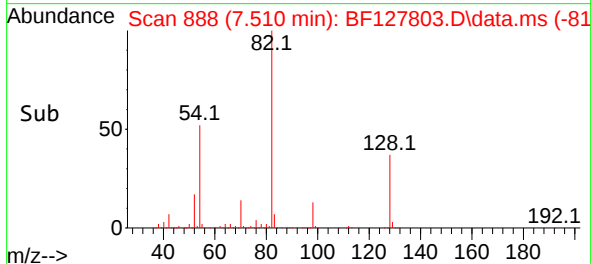
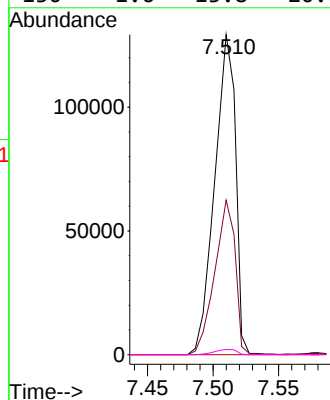
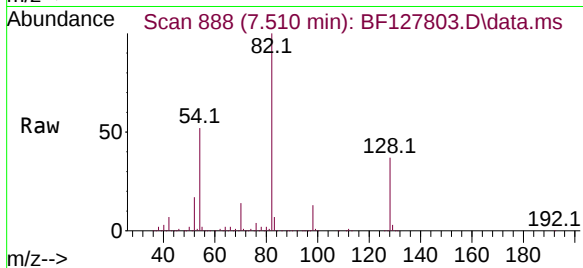
Ion Ratio Lower Upper

70 100

42 48.3 53.0 79.6#

101 0.0 6.8 10.2#

130 1.6 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.228 min Scan# 1010

Delta R.T. -0.018 min

Lab File: BF127803.D

Acq: 15 Apr 2022 15:04

Tgt Ion: 136 Resp: 547974

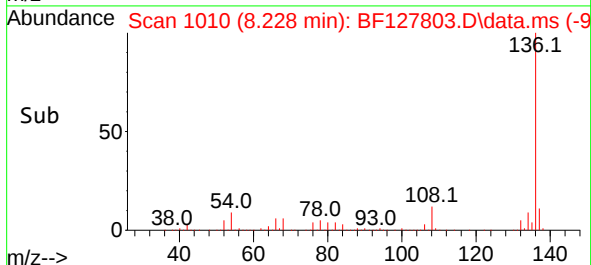
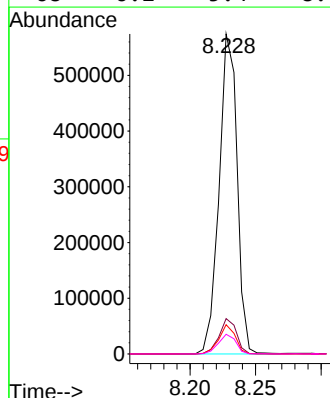
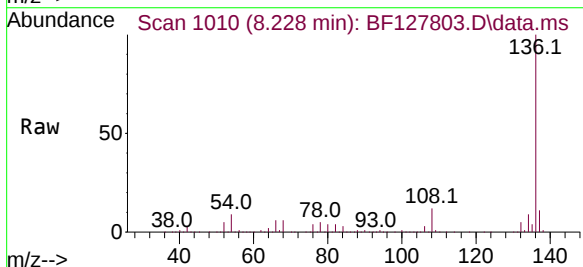
Ion Ratio Lower Upper

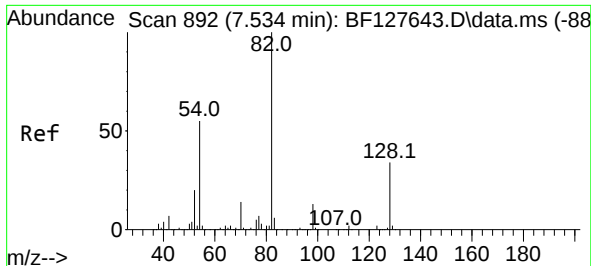
136 100

137 11.0 8.6 13.0

54 9.2 9.2 13.8#

68 6.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 86.293 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.018 min

Lab File: BF127803.D

Acq: 15 Apr 2022 15:04

Instrument :

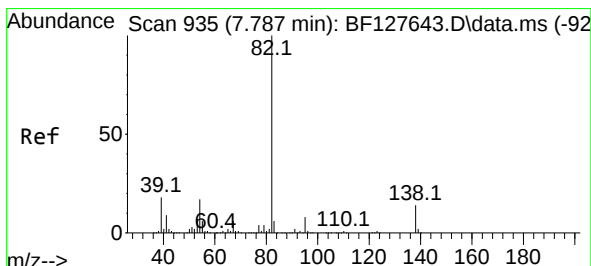
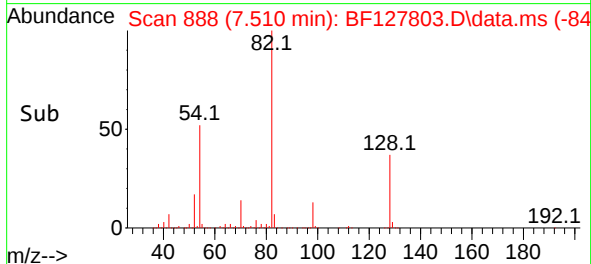
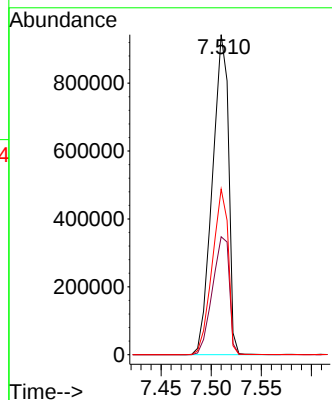
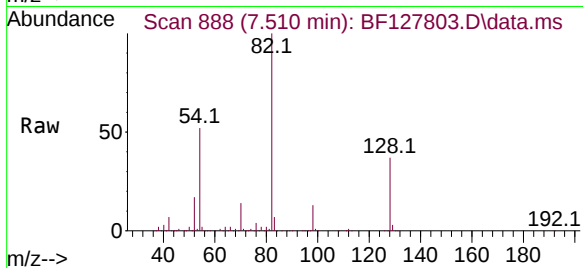
BNA_F

ClientSampleId :

SB-4115

Tgt Ion: 82 Resp: 1060676

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.6	45.8
54	51.8	48.2	72.2



#25

Isophorone

Concen: 49.288 ng

RT: 7.510 min Scan# 888

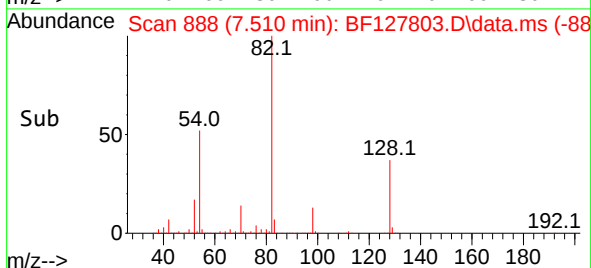
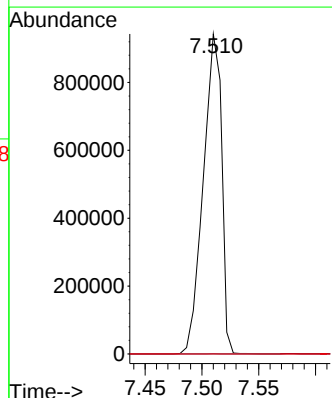
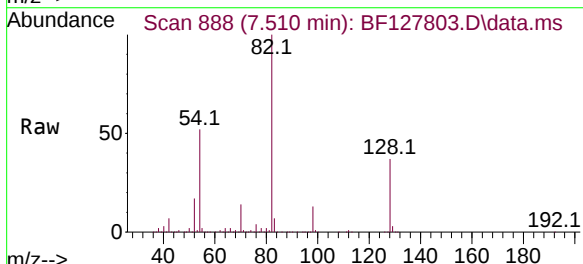
Delta R.T. -0.277 min

Lab File: BF127803.D

Acq: 15 Apr 2022 15:04

Tgt Ion: 82 Resp: 1057122

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

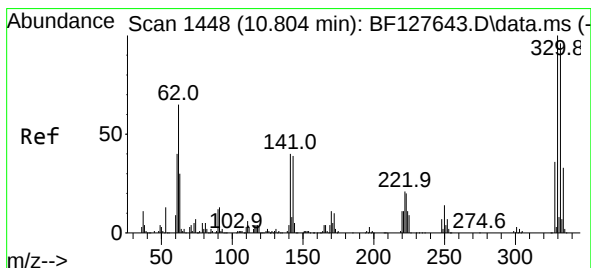
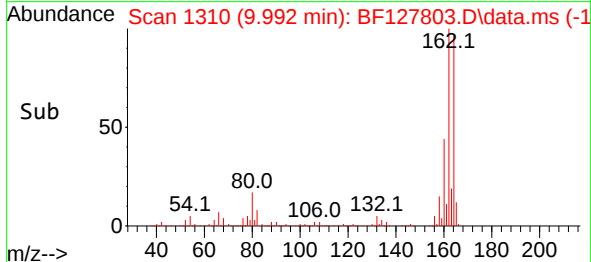
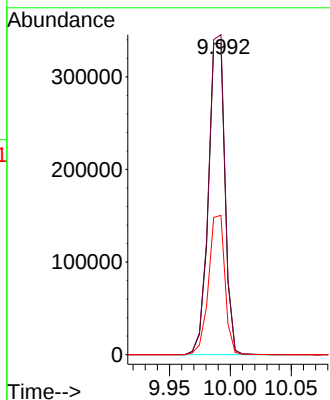
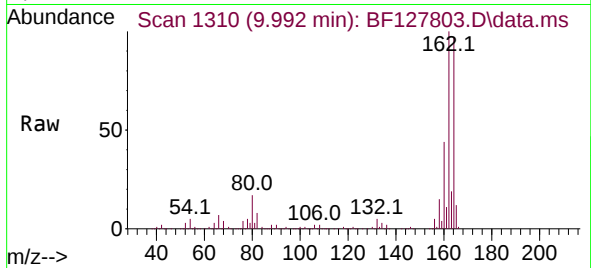




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127803.D
Acq: 15 Apr 2022 15:04

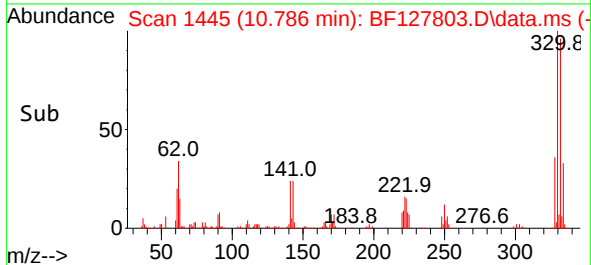
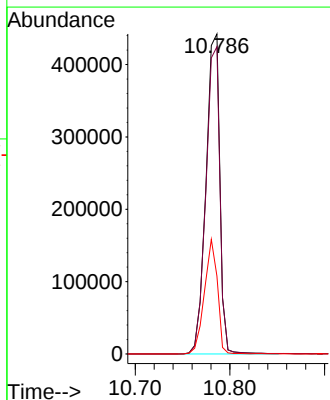
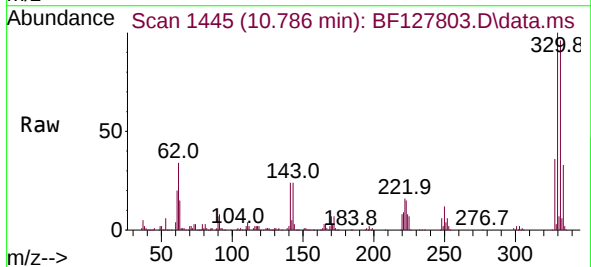
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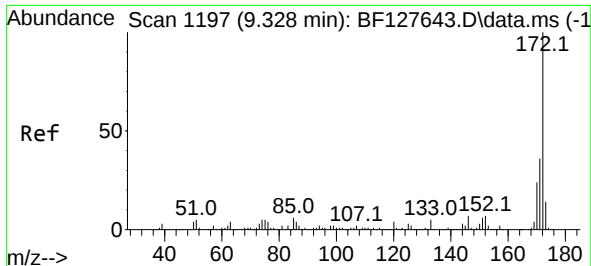
Tgt Ion:164 Resp: 317688
Ion Ratio Lower Upper
164 100
162 102.8 81.2 121.8
160 44.8 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 132.921 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF127803.D
Acq: 15 Apr 2022 15:04

Tgt Ion:330 Resp: 449363
Ion Ratio Lower Upper
330 100
332 97.0 79.1 118.7
141 33.5 26.2 39.4

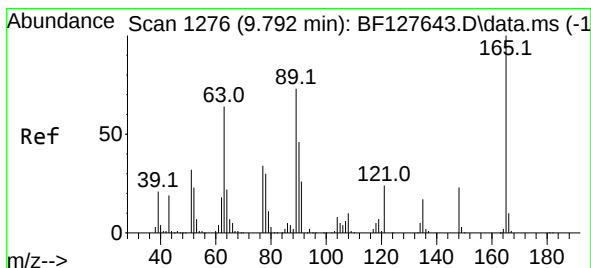
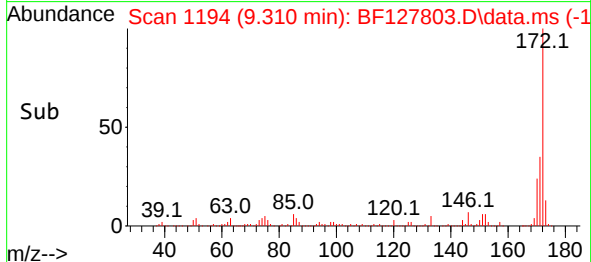
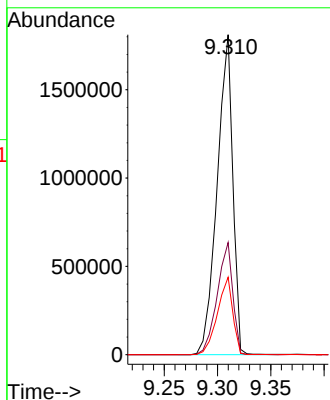
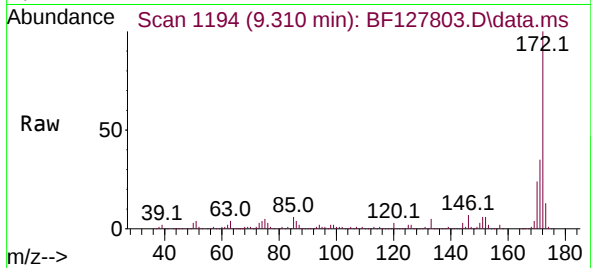




#45
2-Fluorobiphenyl
Concen: 82.115 ng
RT: 9.310 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF127803.D
Acq: 15 Apr 2022 15:04

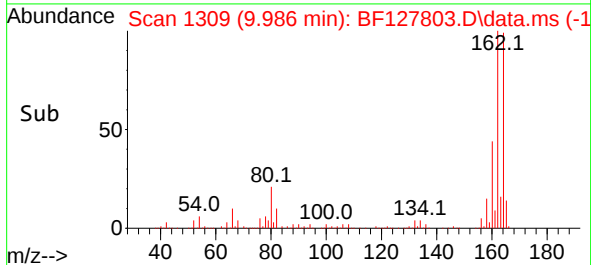
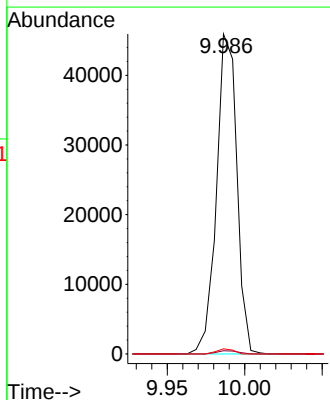
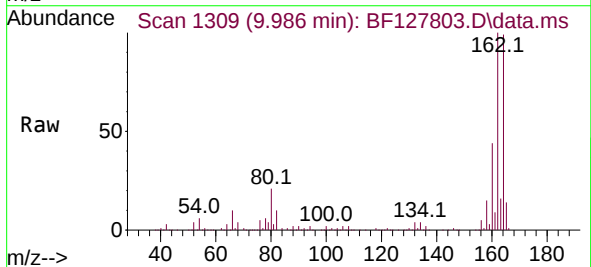
Instrument :
BNA_F
ClientSampleId :
SB-4115

Tgt Ion:172 Resp: 1844033
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 24.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.669 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF127803.D
Acq: 15 Apr 2022 15:04

Tgt Ion:165 Resp: 41968
Ion Ratio Lower Upper
165 100
63 1.0 58.3 87.5#
89 1.6 51.5 77.3#

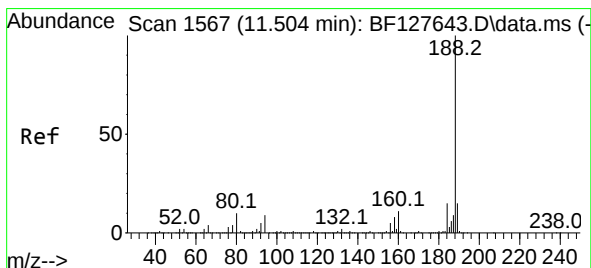
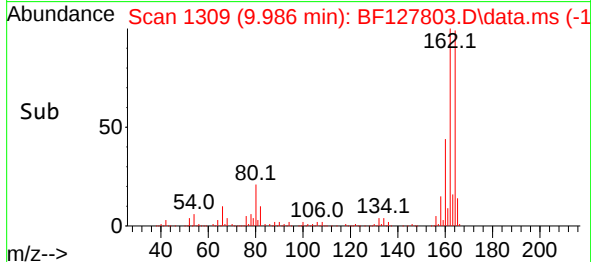
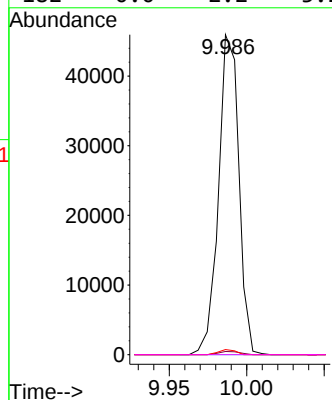
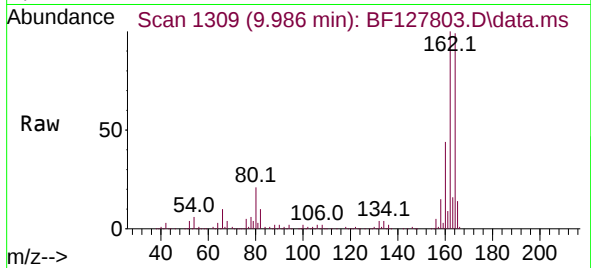




#57
2,4-Dinitrotoluene
Concen: 7.799 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127803.D
Acq: 15 Apr 2022 15:04

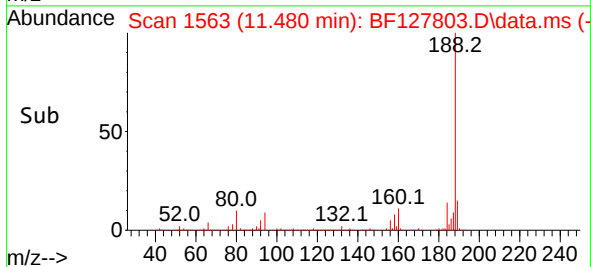
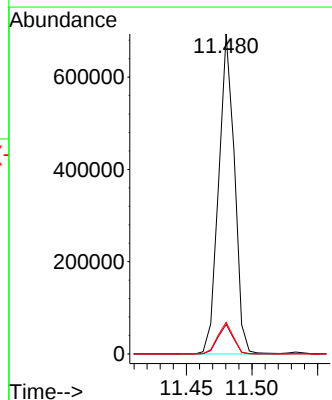
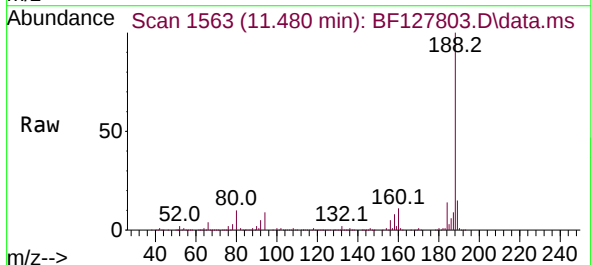
Instrument :
BNA_F
ClientSampleId :
SB-4115

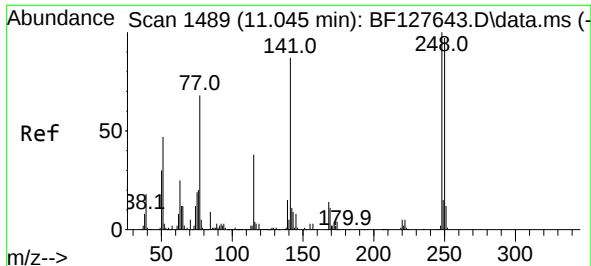
Tgt Ion:165 Resp: 41968
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF127803.D
Acq: 15 Apr 2022 15:04

Tgt Ion:188 Resp: 581326
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 9.9 8.0 12.0

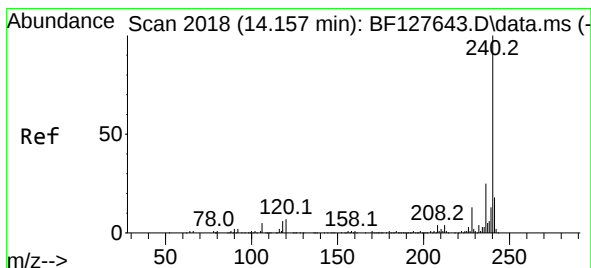
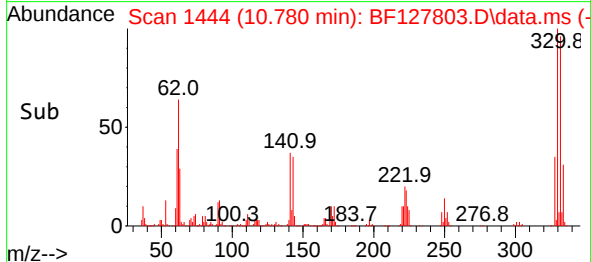
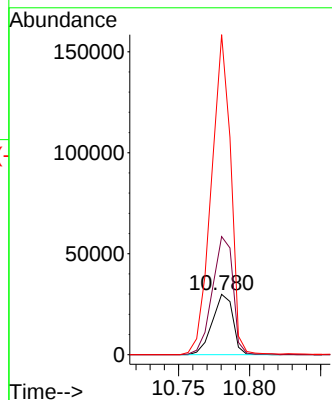
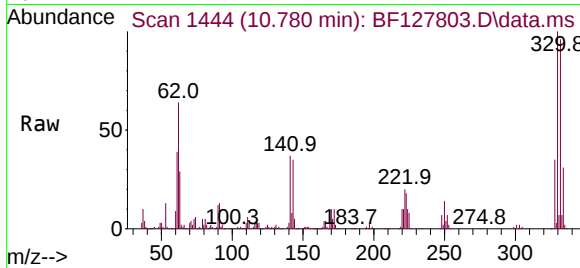




#67
4-Bromophenyl-phenylether
Concen: 4.288 ng
RT: 10.780 min Scan# 1489
Delta R.T. -0.259 min
Lab File: BF127803.D
Acq: 15 Apr 2022 15:04

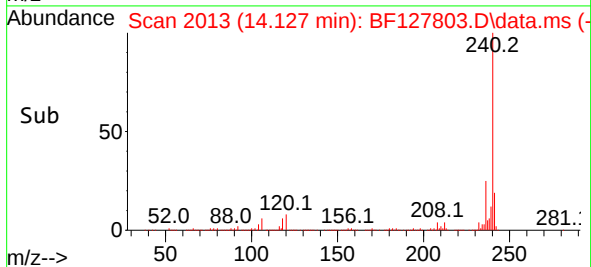
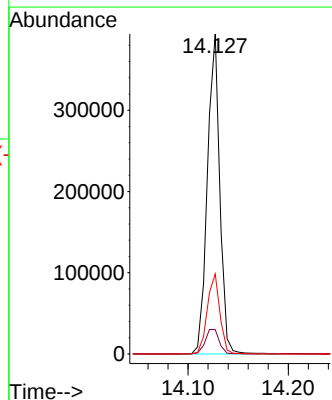
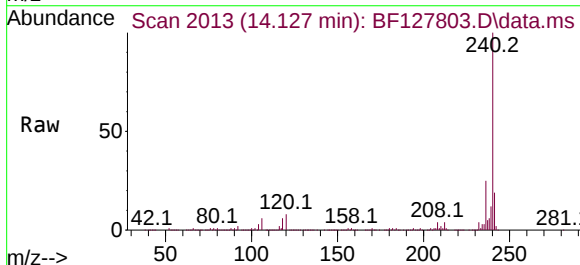
Instrument :
BNA_F
ClientSampleId :
SB-4115

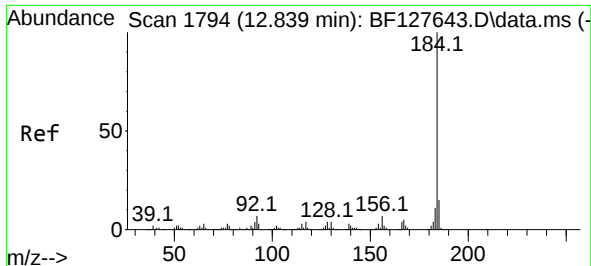
Tgt Ion:248 Resp: 30254
Ion Ratio Lower Upper
248 100
250 196.0 76.6 115.0#
141 530.8 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127803.D
Acq: 15 Apr 2022 15:04

Tgt Ion:240 Resp: 340287
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 25.0 20.7 31.1

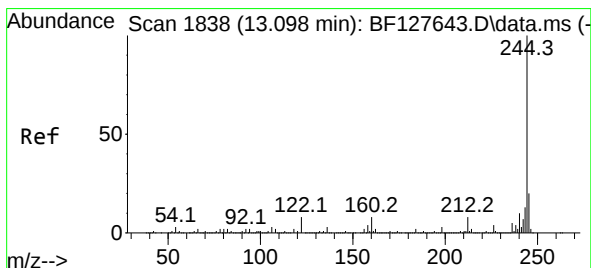
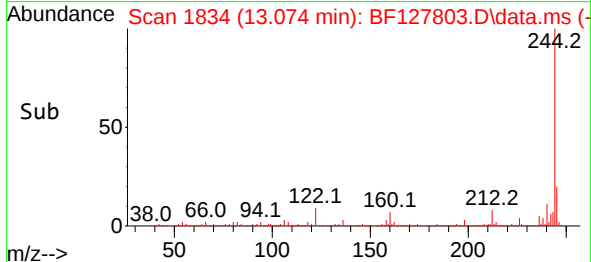
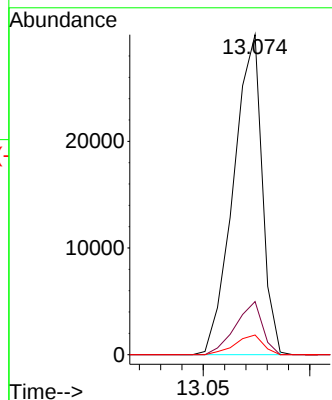
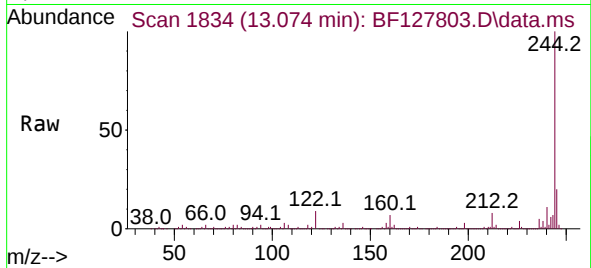




#77
Benzidine
Concen: 3.156 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.247 min
Lab File: BF127803.D
Acq: 15 Apr 2022 15:04

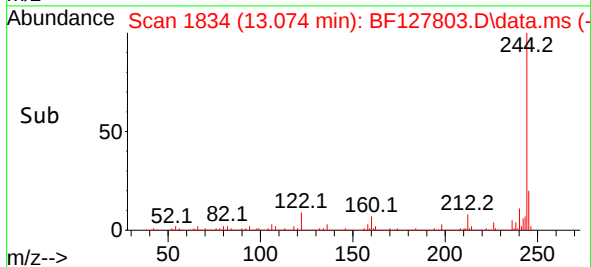
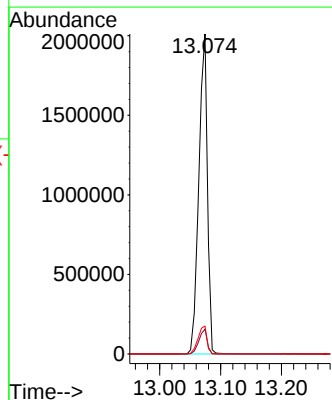
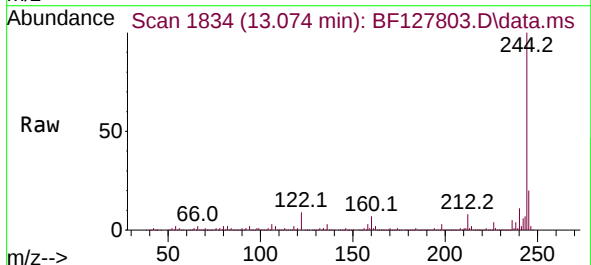
Instrument :
BNA_F
ClientSampleId :
SB-4115

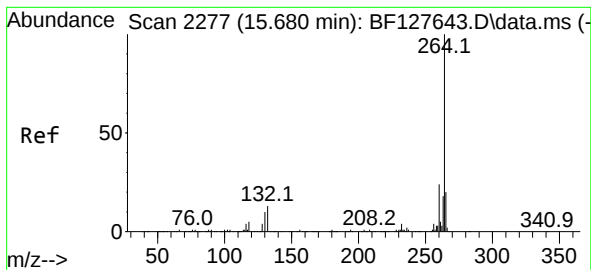
Tgt Ion:184 Resp: 28035
Ion Ratio Lower Upper
184 100
185 16.6 12.2 18.2
183 6.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 95.631 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF127803.D
Acq: 15 Apr 2022 15:04

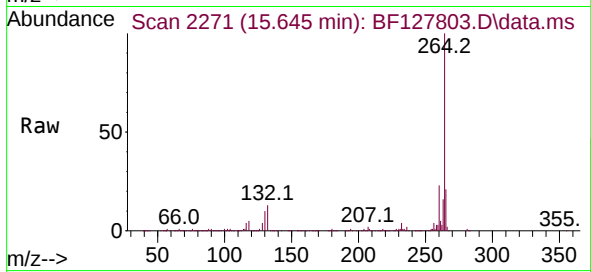
Tgt Ion:244 Resp: 1971527
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 8.7 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF127803.D
 Acq: 15 Apr 2022 15:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-4115



Tgt Ion:264 Resp: 319786
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.1 17.4 26.2

