

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041322\
 Data File : BF127788.D
 Acq On : 13 Apr 2022 17:12
 Operator : CG\JU
 Sample : N2334-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-21RR

Quant Time: Apr 14 02:33:52 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)

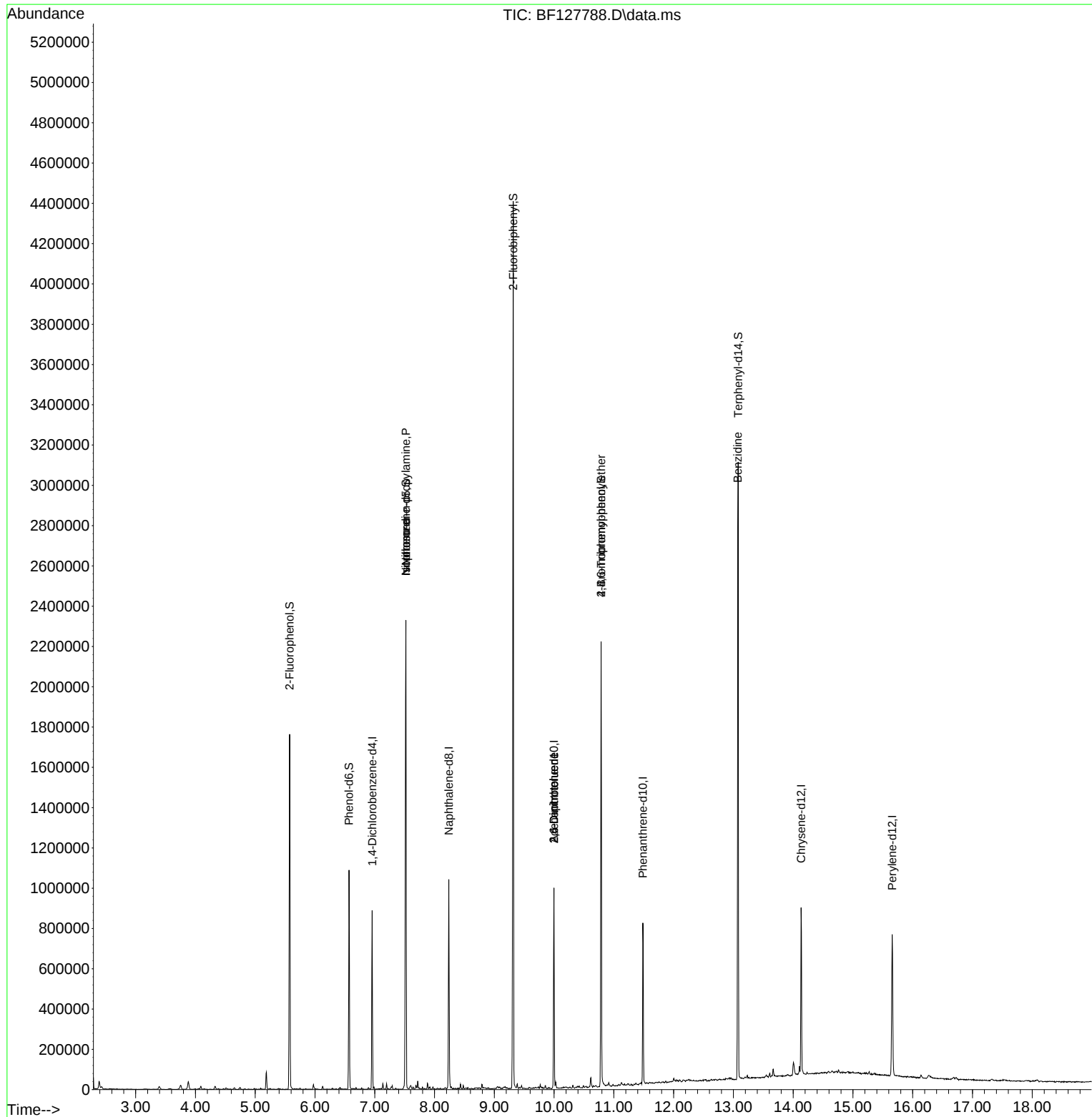
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	117440	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	399721	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	189519	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	291236	20.000	ng	0.00
76) Chrysene-d12	14.133	240	295494	20.000	ng	-0.01
86) Perylene-d12	15.657	264	345056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	427607	59.164	ng	0.00
7) Phenol-d6	6.569	99	311723	32.969	ng	-0.02
23) Nitrobenzene-d5	7.522	82	786758	87.748	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	249311	123.619	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1255778	93.738	ng	0.00
79) Terphenyl-d14	13.080	244	1094991	61.165	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	174	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.522	70	105226	17.207	ng	# 74
25) Isophorone	7.522	82	783800	50.098	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	25409	9.813	ng	# 17
57) 2,4-Dinitrotoluene	9.998	165	25409	7.915	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	16111	4.558	ng	# 1
77) Benizidine	13.074	184	15739	2.041	ng	# 93

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

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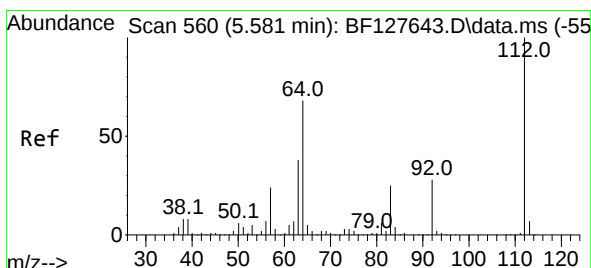
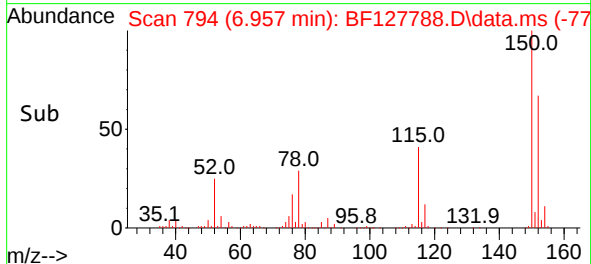
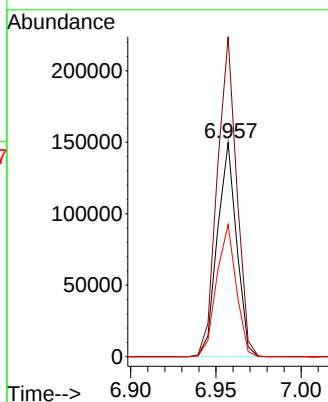
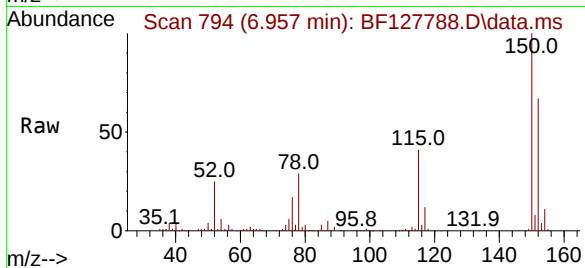




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

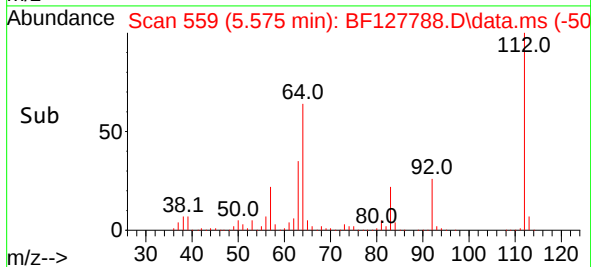
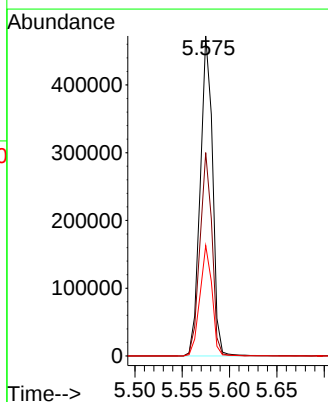
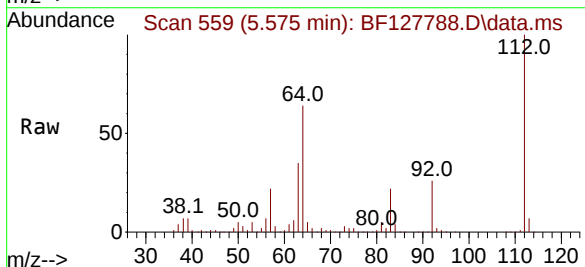
Instrument :
BNA_F
ClientSampleId :
MW-21RR

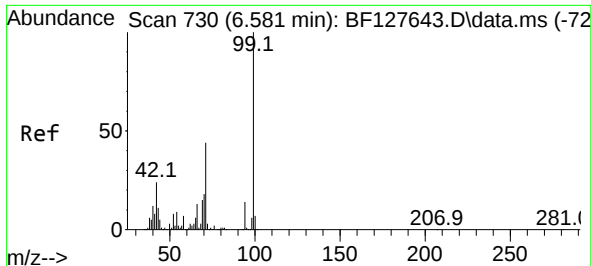
Tgt Ion:152 Resp: 117440
Ion Ratio Lower Upper
152 100
150 149.4 117.2 175.8
115 61.7 49.8 74.6



#5
2-Fluorophenol
Concen: 59.164 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

Tgt Ion:112 Resp: 427607
Ion Ratio Lower Upper
112 100
64 63.6 58.4 87.6
63 34.5 30.1 45.1

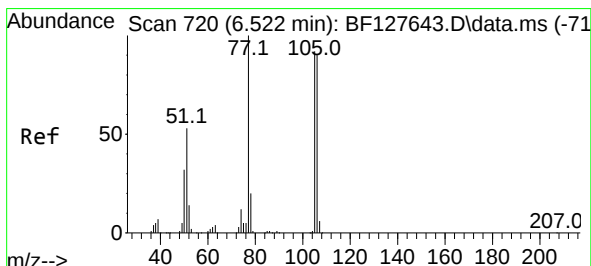
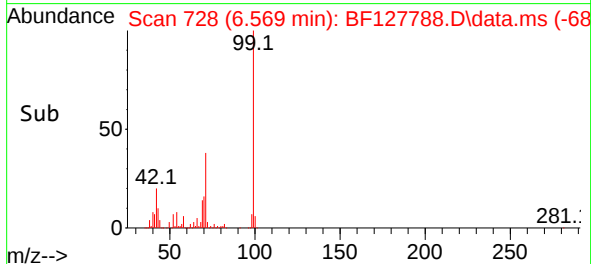
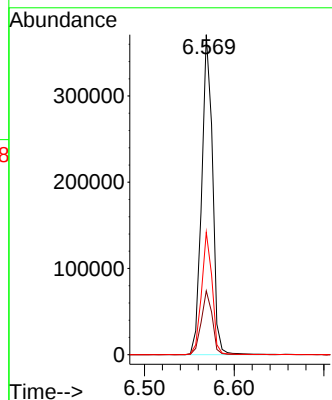
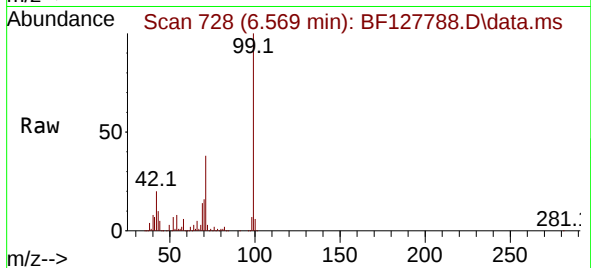




#7
Phenol-d6
Concen: 32.969 ng
RT: 6.569 min Scan# 718
Delta R.T. -0.018 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

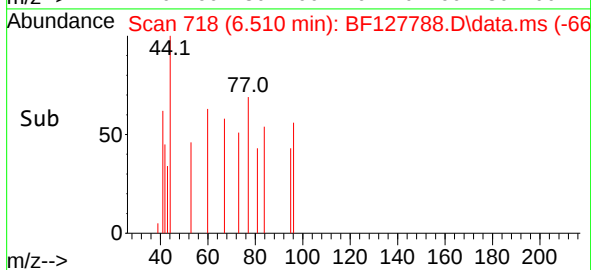
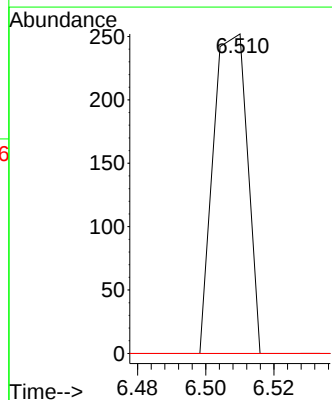
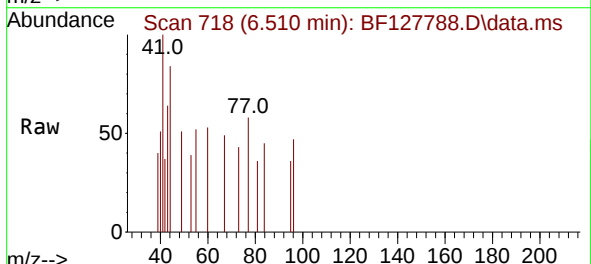
Instrument :
BNA_F
ClientSampleId :
MW-21RR

Tgt Ion: 99 Resp: 311723
Ion Ratio Lower Upper
99 100
42 20.0 17.8 26.6
71 38.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

Tgt Ion: 77 Resp: 174
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: 17.207 ng

RT: 7.522 min Scan# 89

Delta R.T. 0.147 min

Lab File: BF127788.D

Acq: 13 Apr 2022 17:12

Instrument :

BNA_F

ClientSampleId :

MW-21RR

Tgt Ion: 70 Resp: 105226

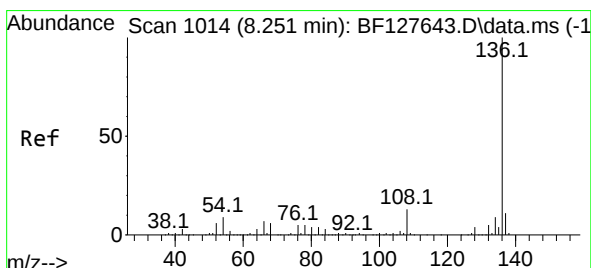
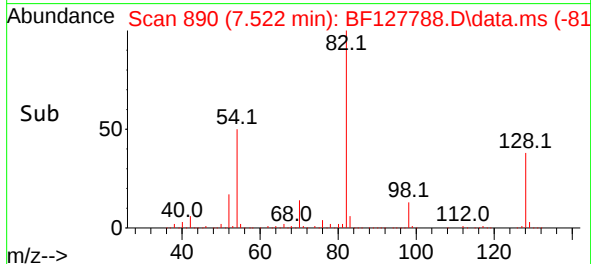
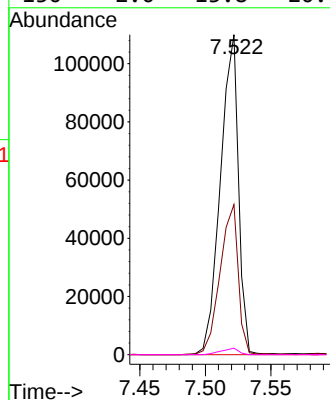
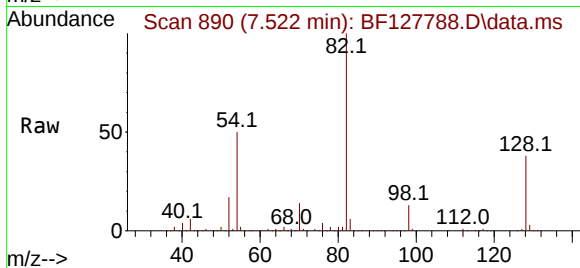
Ion Ratio Lower Upper

70 100

42 46.9 53.0 79.6#

101 0.0 6.8 10.2#

130 2.0 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127788.D

Acq: 13 Apr 2022 17:12

Tgt Ion:136 Resp: 399721

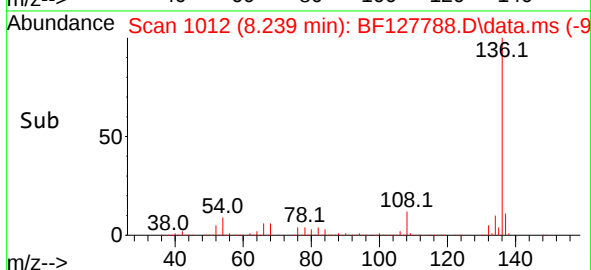
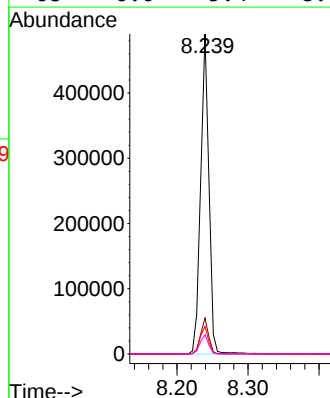
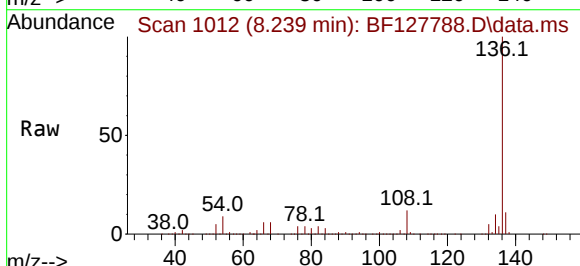
Ion Ratio Lower Upper

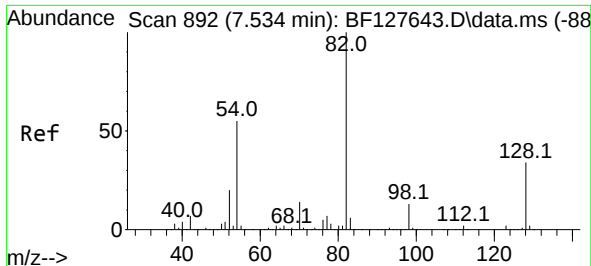
136 100

137 11.2 8.6 13.0

54 8.6 9.2 13.8#

68 6.0 5.4 8.0

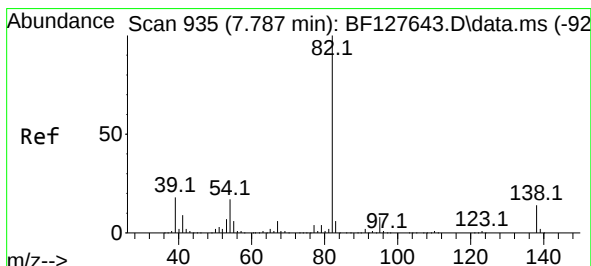
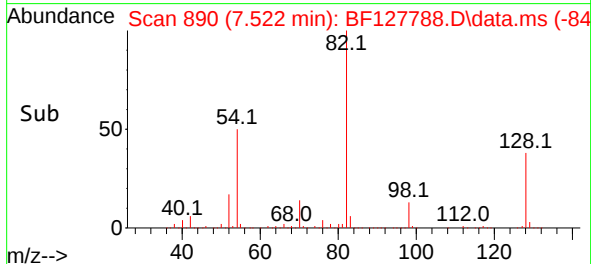
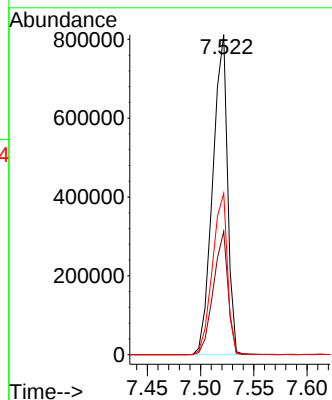
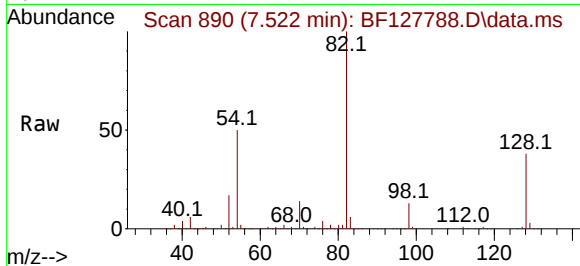




#23
Nitrobenzene-d5
Concen: 87.748 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

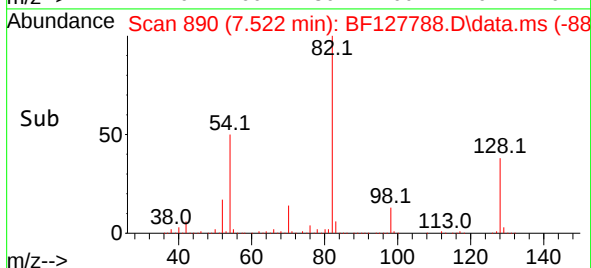
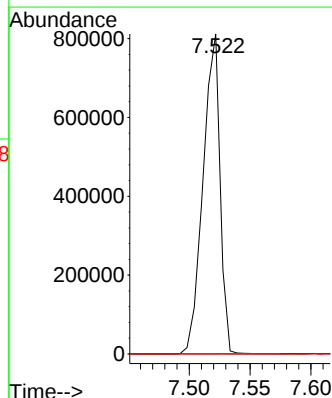
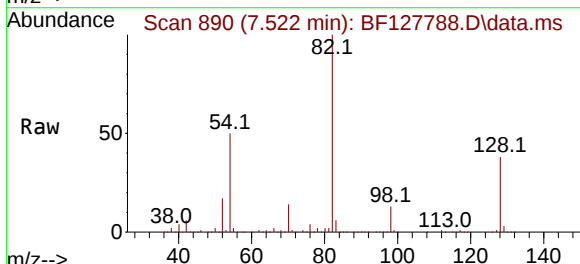
Instrument :
BNA_F
ClientSampleId :
MW-21RR

Tgt Ion: 82 Resp: 786758
Ion Ratio Lower Upper
82 100
128 38.5 30.6 45.8
54 50.5 48.2 72.2



#25
Isophorone
Concen: 50.098 ng
RT: 7.522 min Scan# 890
Delta R.T. -0.265 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

Tgt Ion: 82 Resp: 783800
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: 9.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127788.D

Acq: 13 Apr 2022 17:12

Instrument :

BNA_F

ClientSampleId :

MW-21RR

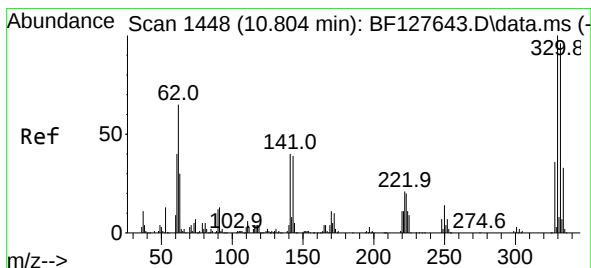
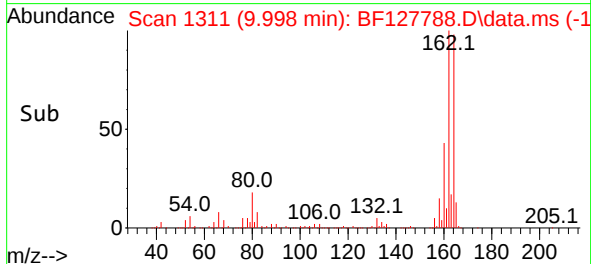
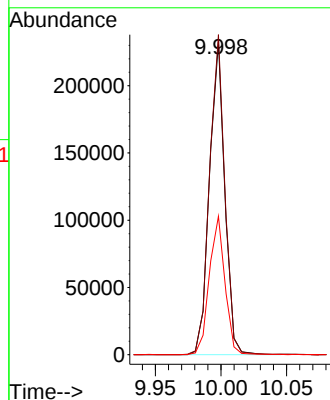
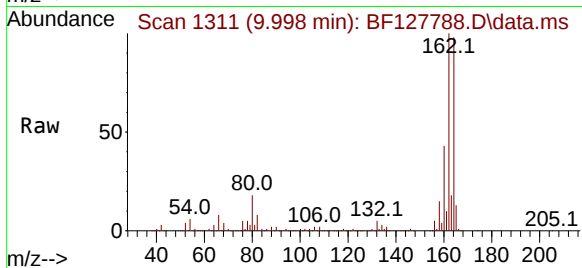
Tgt Ion:164 Resp: 189519

Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

160 44.3 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 123.619 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF127788.D

Acq: 13 Apr 2022 17:12

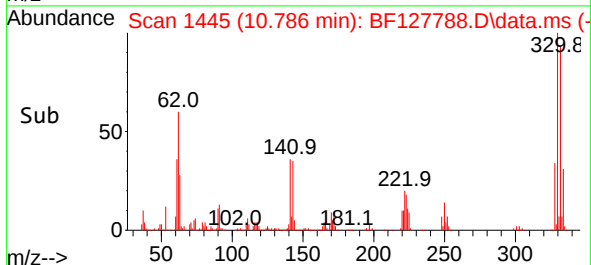
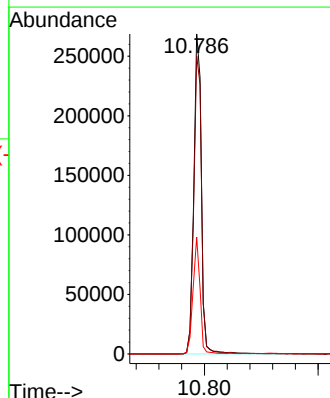
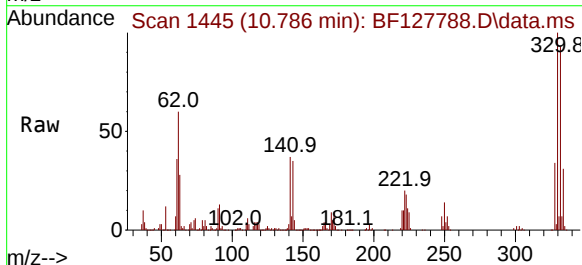
Tgt Ion:330 Resp: 249311

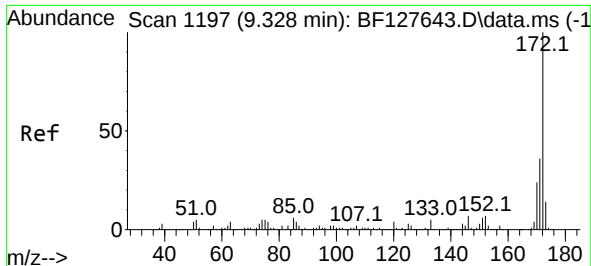
Ion Ratio Lower Upper

330 100

332 95.4 79.1 118.7

141 34.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 93.738 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127788.D

Acq: 13 Apr 2022 17:12

Instrument :

BNA_F

ClientSampleId :

MW-21RR

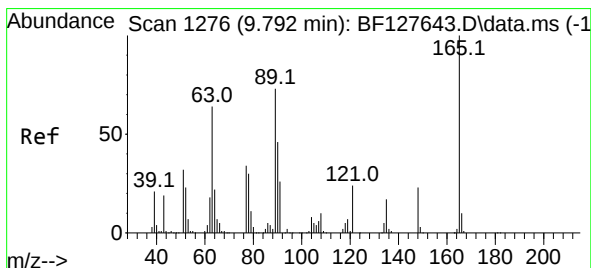
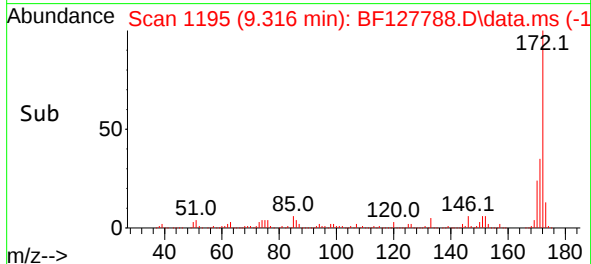
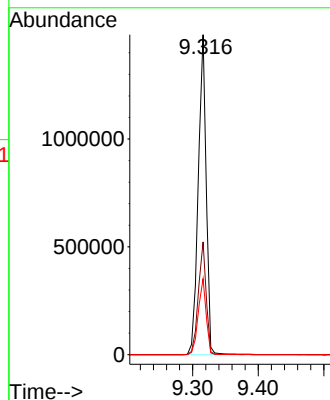
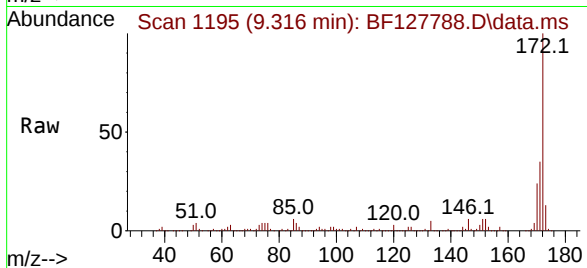
Tgt Ion:172 Resp: 1255778

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.8 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.813 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.212 min

Lab File: BF127788.D

Acq: 13 Apr 2022 17:12

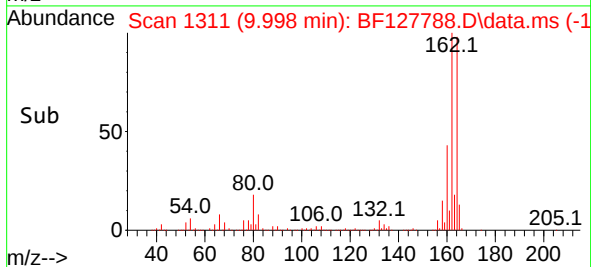
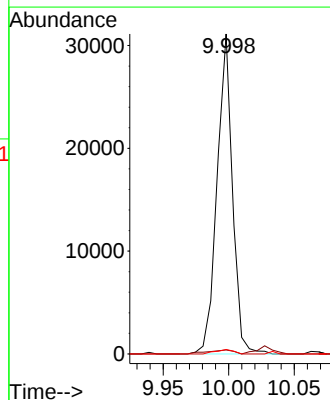
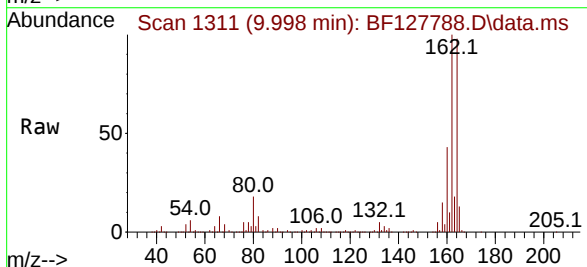
Tgt Ion:165 Resp: 25409

Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 1.4 51.5 77.3#

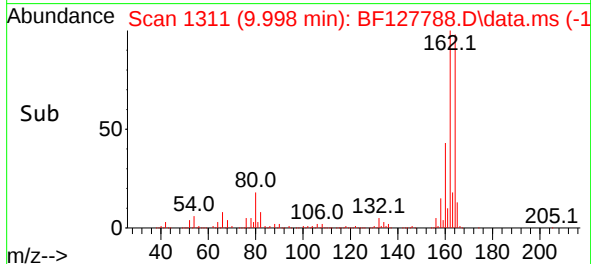
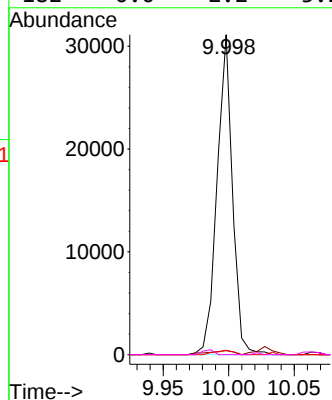
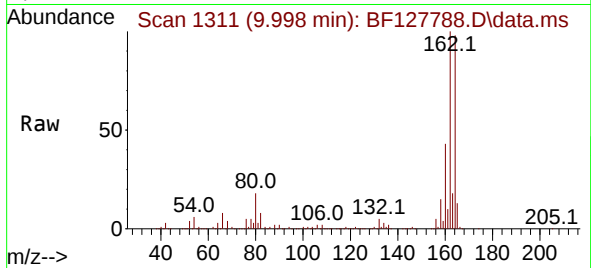




#57
2,4-Dinitrotoluene
Concen: 7.915 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

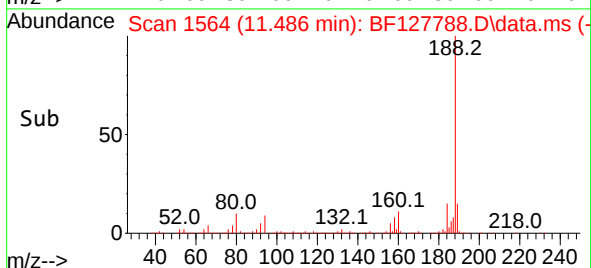
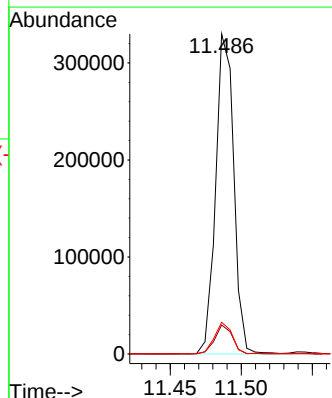
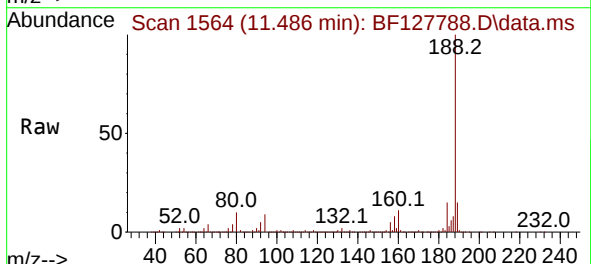
Instrument :
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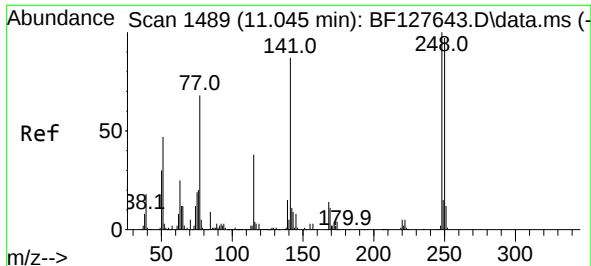
Tgt Ion:165 Resp: 25409
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

Tgt Ion:188 Resp: 291236
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 9.9 8.0 12.0

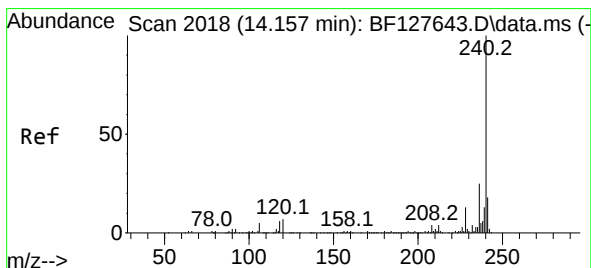
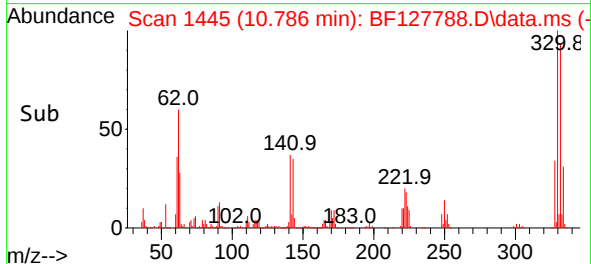
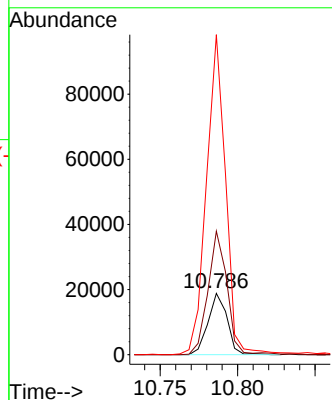
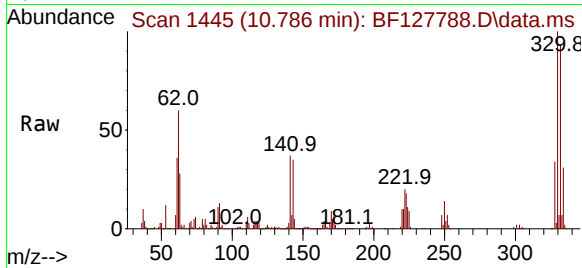




#67
4-Bromophenyl-phenylether
Concen: 4.558 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

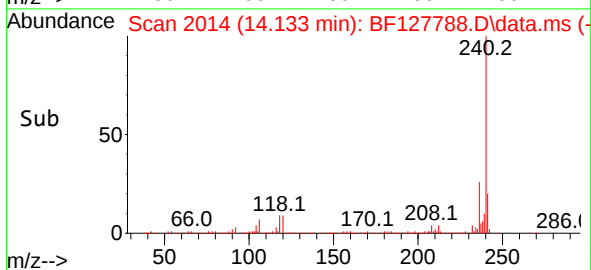
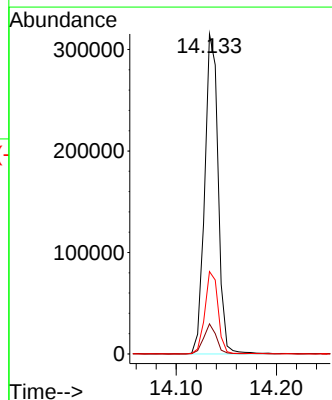
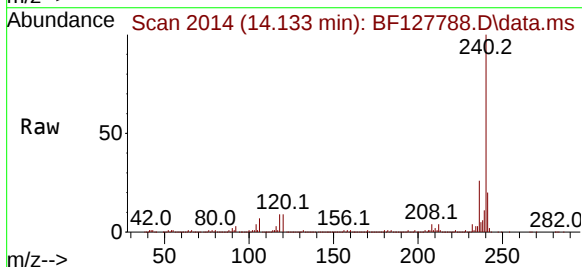
Instrument :
BNA_F
ClientSampleId :
MW-21RR

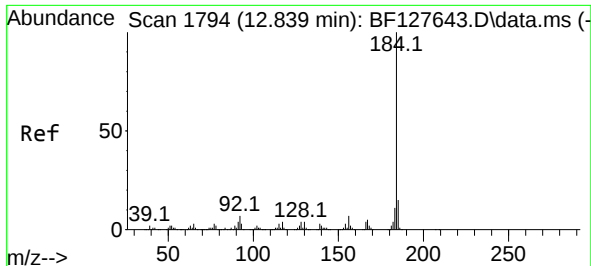
Tgt Ion:248 Resp: 16111
Ion Ratio Lower Upper
248 100
250 201.4 76.6 115.0#
141 521.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

Tgt Ion:240 Resp: 295494
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 25.8 20.7 31.1

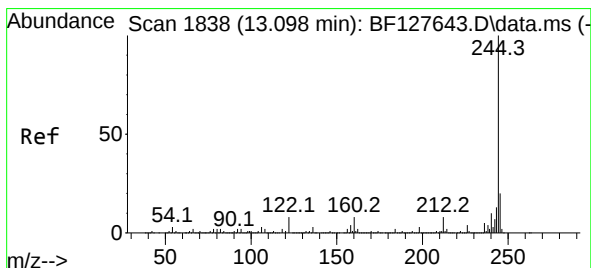
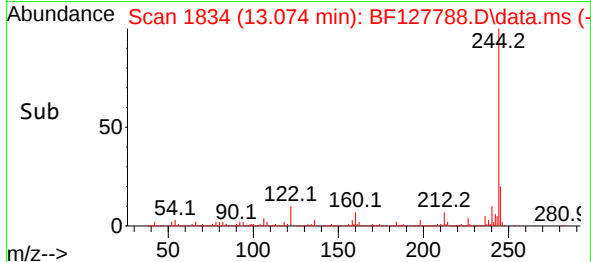
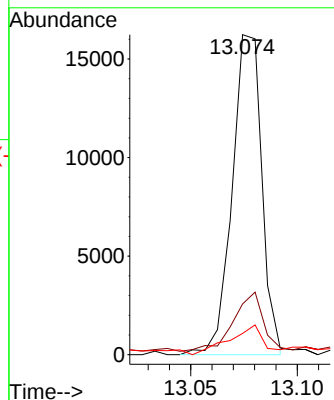
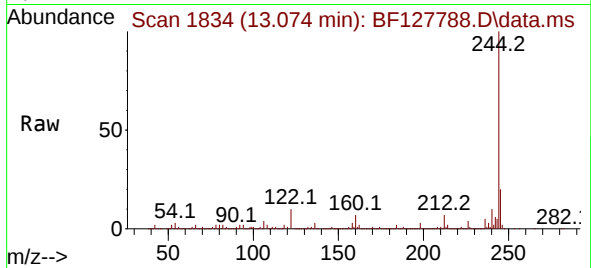




#77
Benzidine
Concen: 2.041 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.247 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

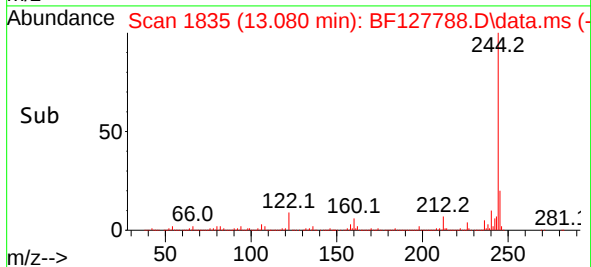
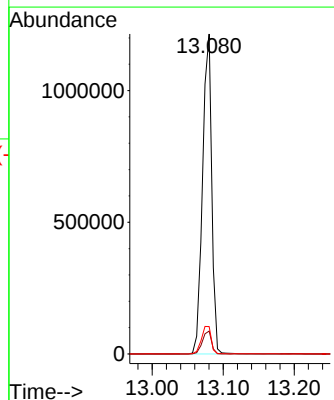
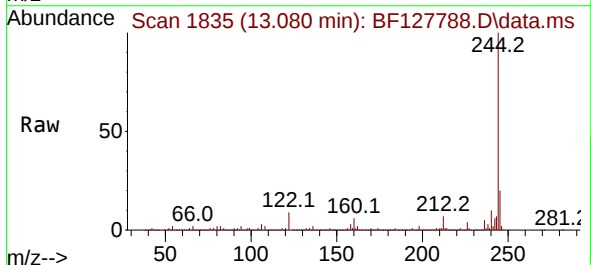
Instrument :
BNA_F
ClientSampleId :
MW-21RR

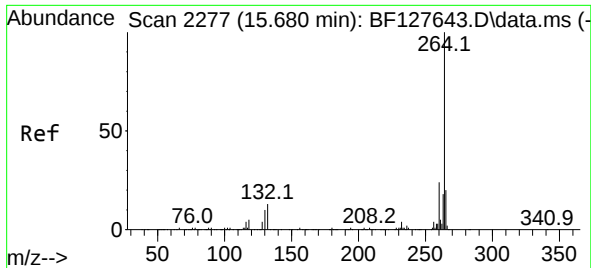
Tgt Ion:184 Resp: 15739
Ion Ratio Lower Upper
184 100
185 15.8 12.2 18.2
183 6.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 61.165 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.000 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

Tgt Ion:244 Resp: 1094991
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 8.6 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.657 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127788.D
Acq: 13 Apr 2022 17:12

Instrument :
BNA_F
ClientSampleId :
MW-21RR

Tgt Ion:264 Resp: 345056

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	20.6	17.4	26.2

