

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127735.D
 Acq On : 11 Apr 2022 13:33
 Operator : CG\JU
 Sample : N2334-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Apr 11 18:55:06 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 06 13:55:27 2022
 Response via : Initial Calibration

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

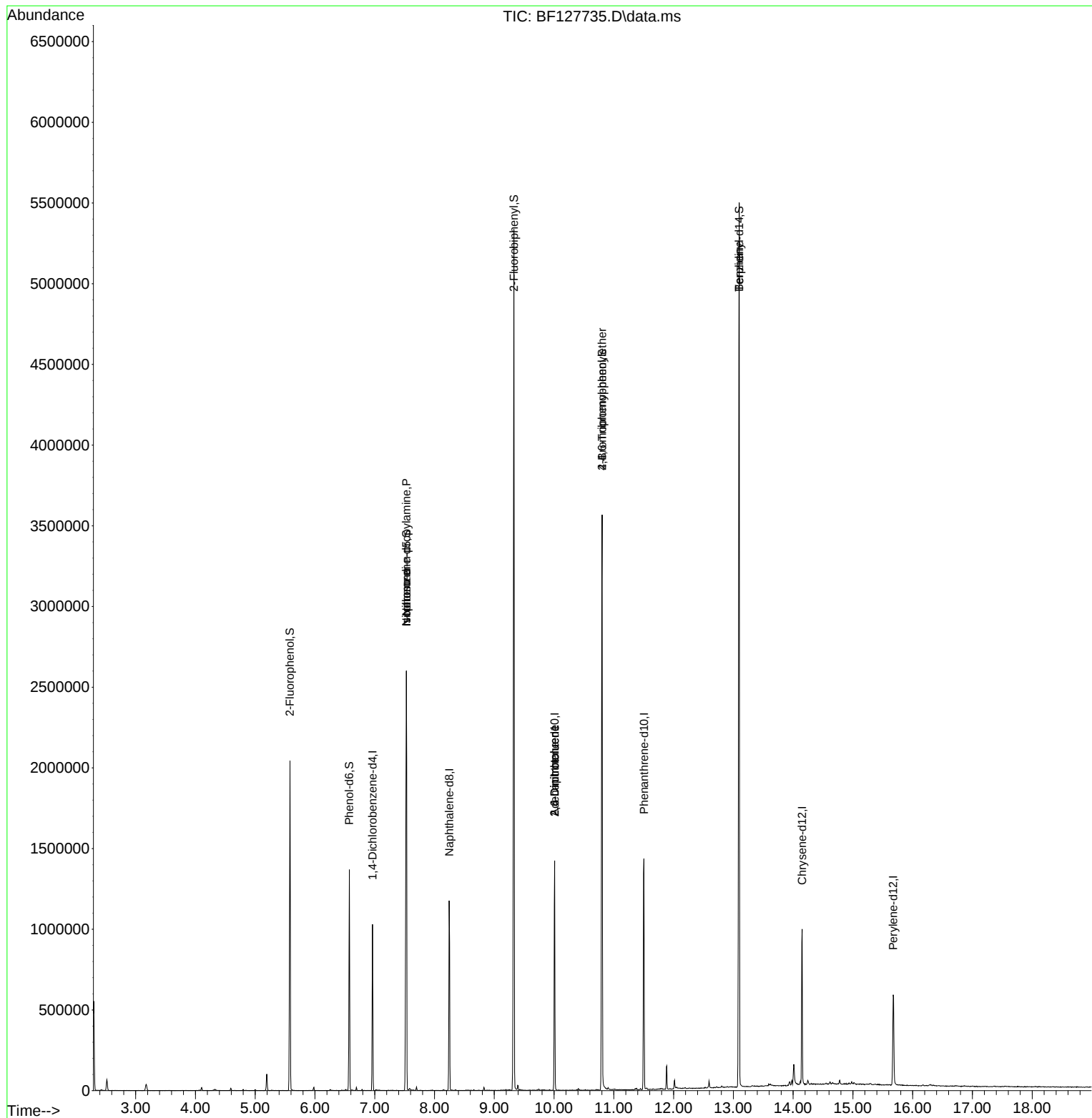
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	134375	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	480236	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	286869	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	531488	20.000	ng	0.00
76) Chrysene-d12	14.151	240	347577	20.000	ng	0.00
86) Perylene-d12	15.674	264	287986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	482126	58.300	ng	0.00
7) Phenol-d6	6.575	99	381999	35.310	ng	0.00
23) Nitrobenzene-d5	7.528	82	982771	91.233	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	465194	152.387	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1685740	83.131	ng	0.00
79) Terphenyl-d14	13.098	244	2074838	98.532	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	121	Below Cal	#	54
19) n-Nitroso-di-n-propyla...	7.528	70	132295	18.907	ng	# 75
25) Isophorone	7.528	82	982753	52.284	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	36847	9.401	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	36847	7.583	ng	# 13
67) 4-Bromophenyl-phenylether	10.804	248	29809	4.621	ng	# 1
77) Benizidine	13.098	184	30514	3.364	ng	# 91

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

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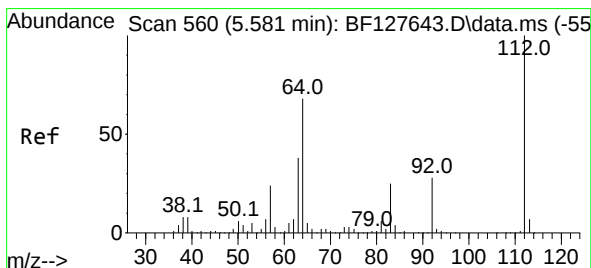
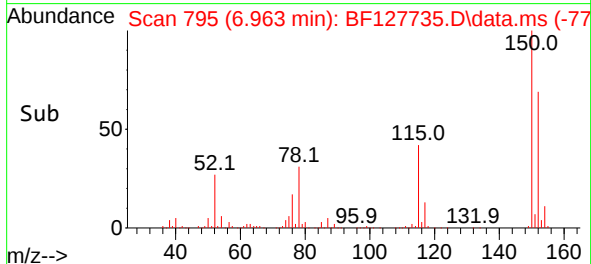
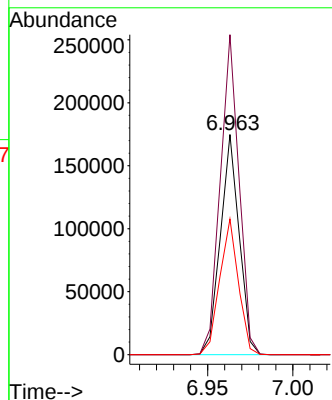
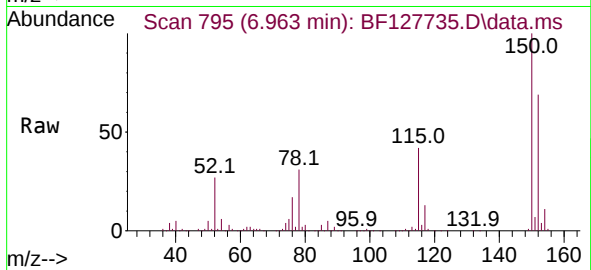




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127735.D
 Acq: 11 Apr 2022 13:33

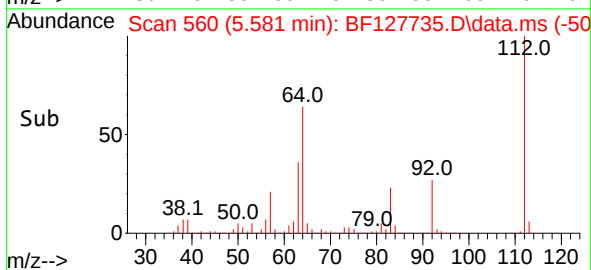
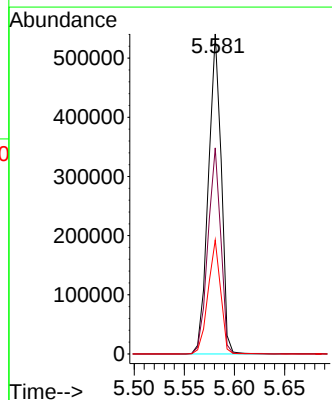
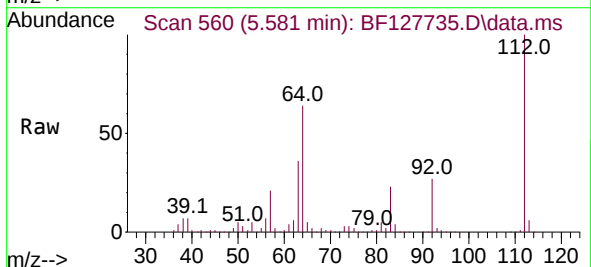
Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tgt Ion:152 Resp: 134375
 Ion Ratio Lower Upper
 152 100
 150 145.3 117.2 175.8
 115 61.6 49.8 74.6



#5
 2-Fluorophenol
 Concen: 58.300 ng
 RT: 5.581 min Scan# 560
 Delta R.T. 0.000 min
 Lab File: BF127735.D
 Acq: 11 Apr 2022 13:33

Tgt Ion:112 Resp: 482126
 Ion Ratio Lower Upper
 112 100
 64 64.4 58.4 87.6
 63 35.6 30.1 45.1

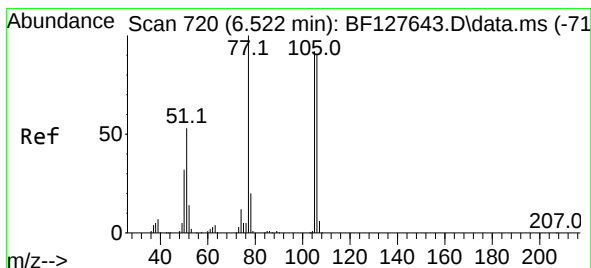
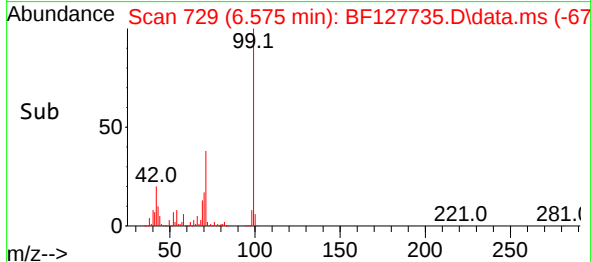
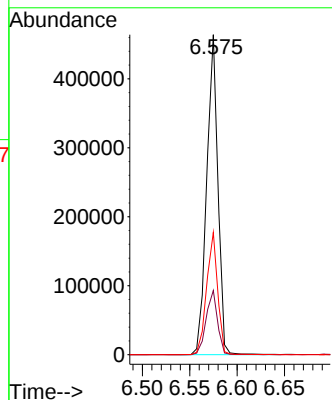
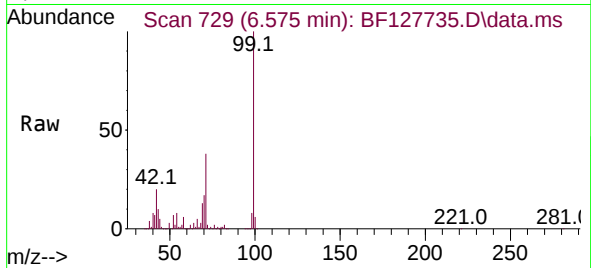




#7
Phenol-d6
Concen: 35.310 ng
RT: 6.575 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

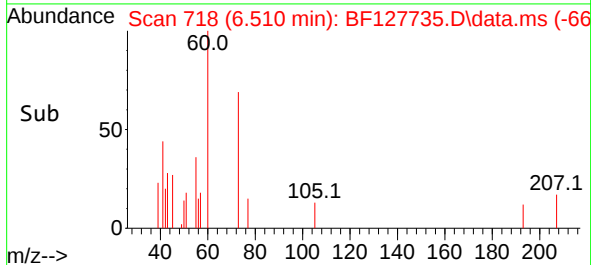
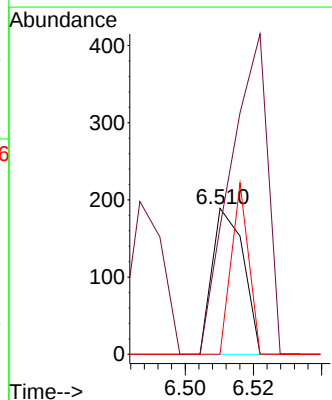
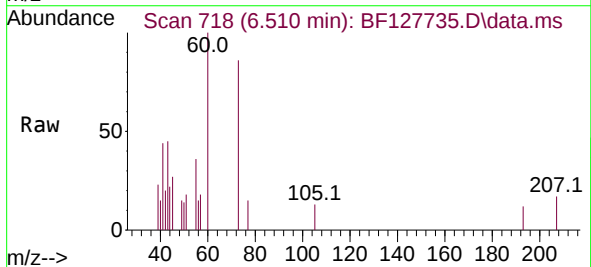
Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 99 Resp: 381999
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. -0.012 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

Tgt Ion: 77 Resp: 121
Ion Ratio Lower Upper
77 100
105 87.3 66.8 106.8
106 0.0 64.3 104.3

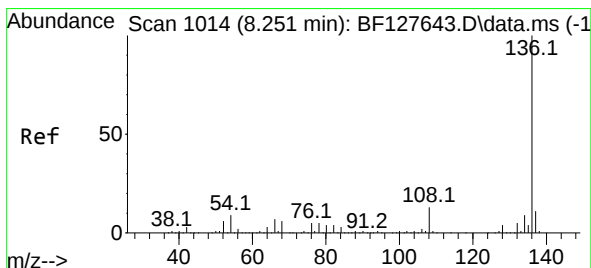
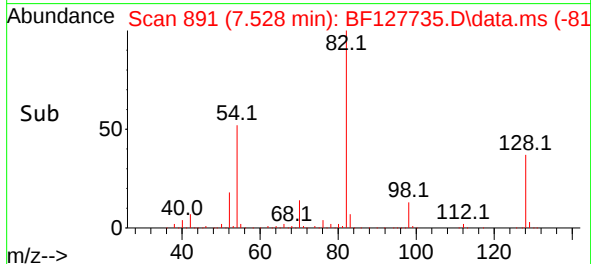
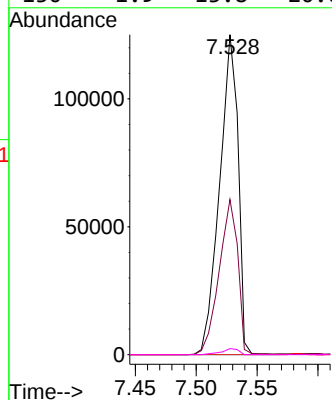
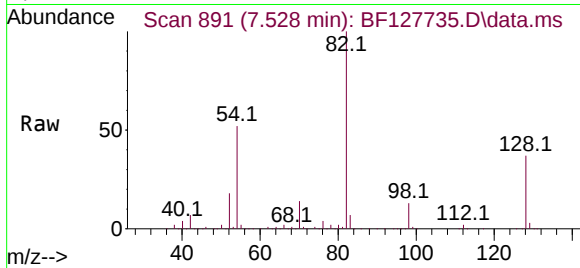




#19
n-Nitroso-di-n-propylamine
Concen: 18.907 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

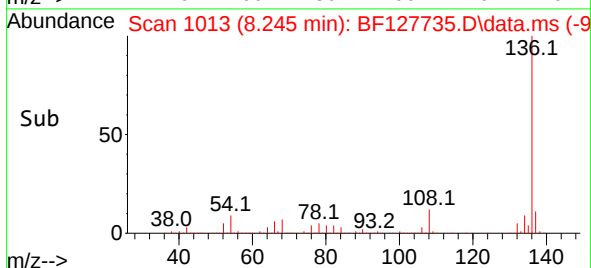
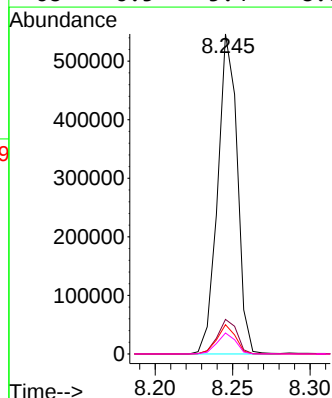
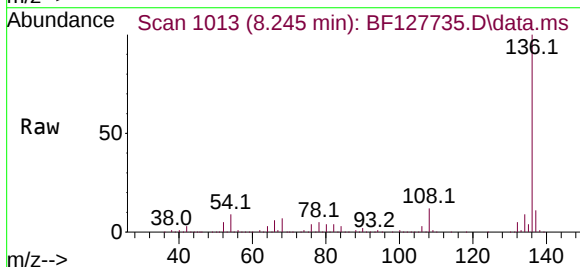
Instrument :
BNA_F
ClientSampleId :
MW-20

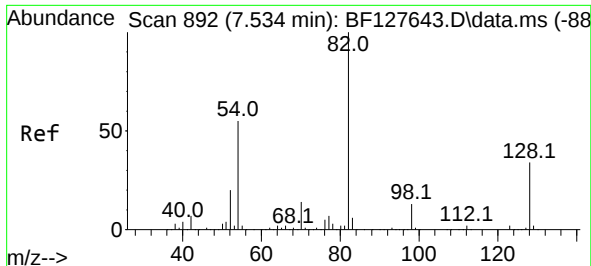
Tgt Ion: 70 Resp: 132295
Ion Ratio Lower Upper
70 100
42 48.5 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

Tgt Ion: 136 Resp: 480236
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.1 9.2 13.8#
68 6.5 5.4 8.0

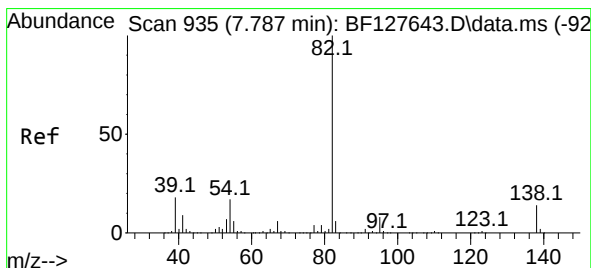
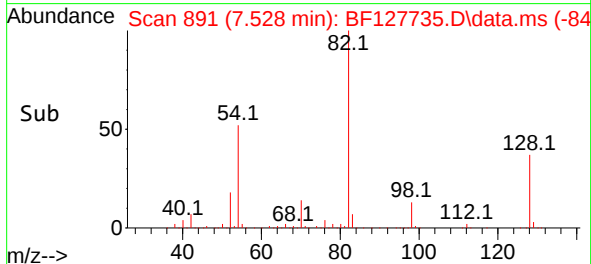
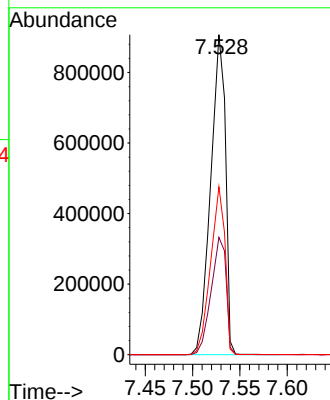
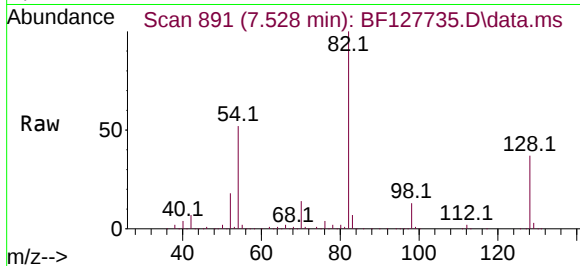




#23
Nitrobenzene-d5
Concen: 91.233 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

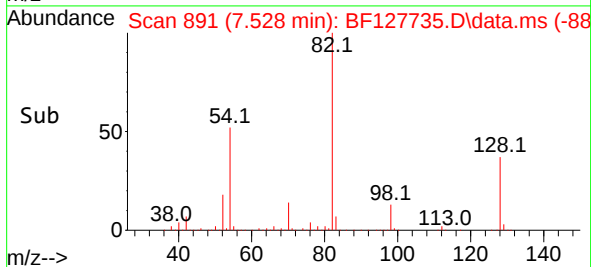
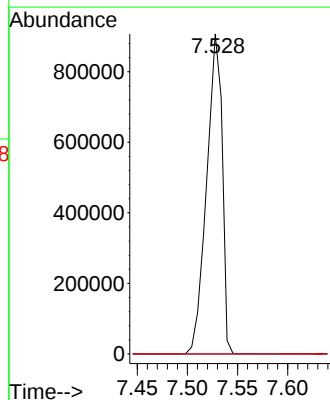
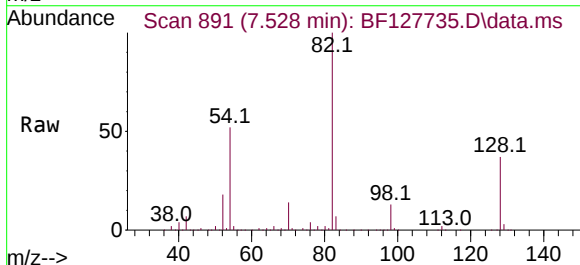
Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 82 Resp: 982771
Ion Ratio Lower Upper
82 100
128 36.7 30.6 45.8
54 52.5 48.2 72.2



#25
Isophorone
Concen: 52.284 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

Tgt Ion: 82 Resp: 982753
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

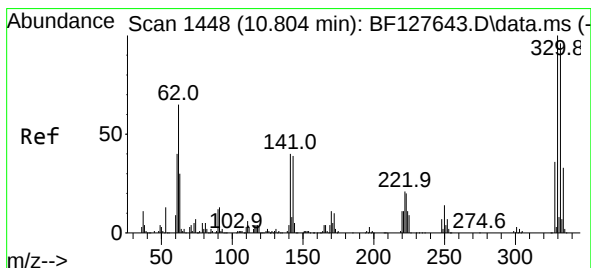
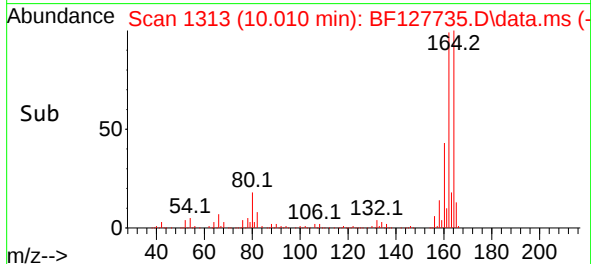
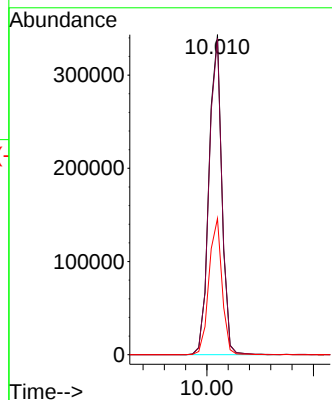
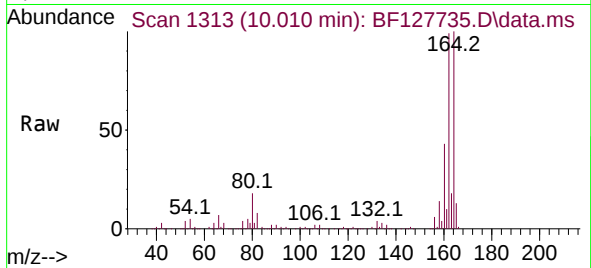




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

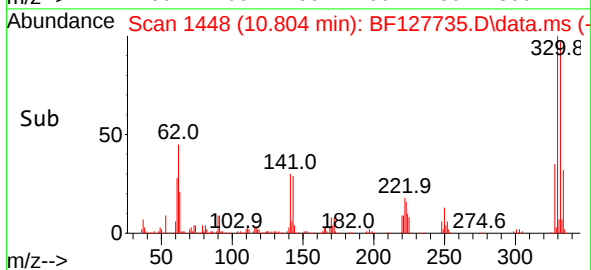
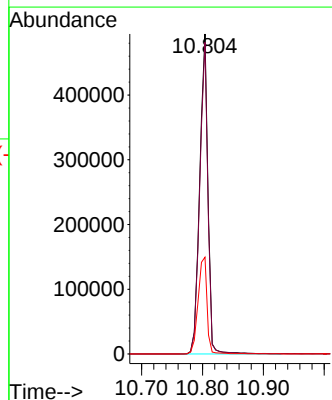
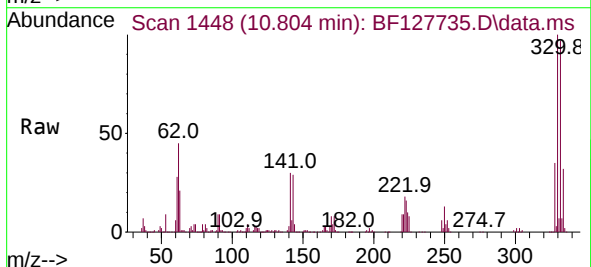
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MW-20

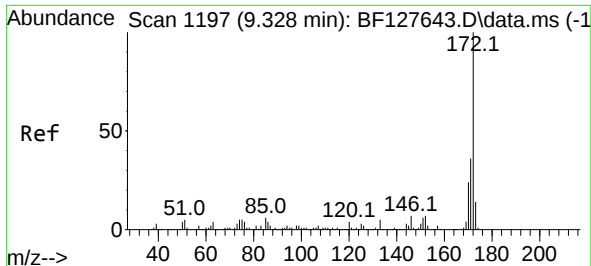
Tgt Ion:164 Resp: 286869
Ion Ratio Lower Upper
164 100
162 98.8 81.2 121.8
160 42.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 152.387 ng
RT: 10.804 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

Tgt Ion:330 Resp: 465194
Ion Ratio Lower Upper
330 100
332 96.5 79.1 118.7
141 32.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 83.131 ng

RT: 9.328 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF127735.D

Acq: 11 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

MW-20

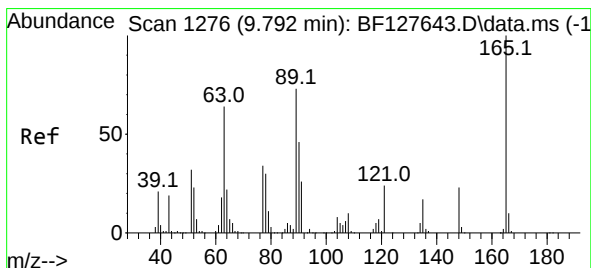
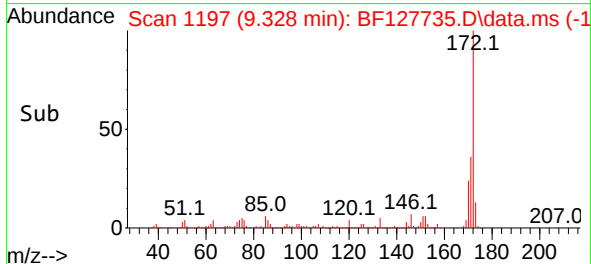
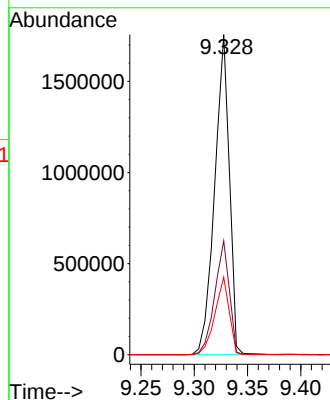
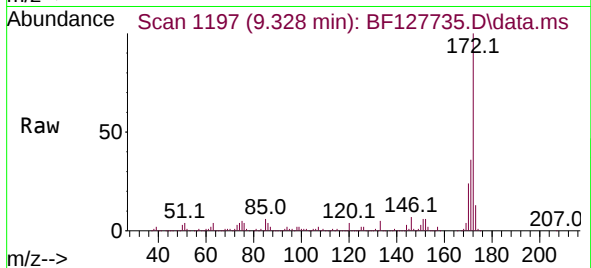
Tgt Ion:172 Resp: 1685740

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.2 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.401 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127735.D

Acq: 11 Apr 2022 13:33

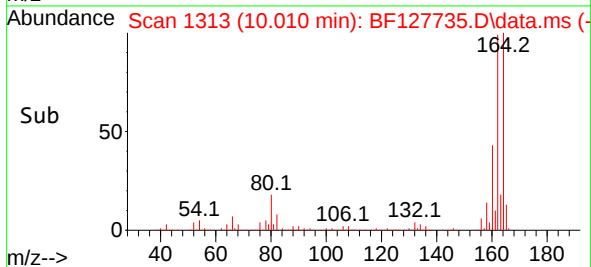
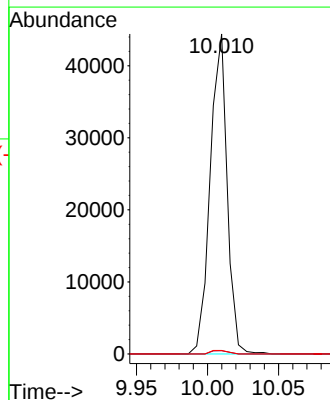
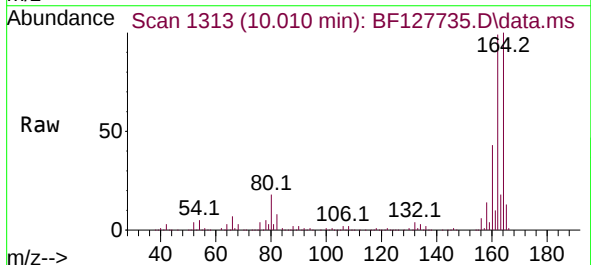
Tgt Ion:165 Resp: 36847

Ion Ratio Lower Upper

165 100

63 1.0 58.3 87.5#

89 1.1 51.5 77.3#

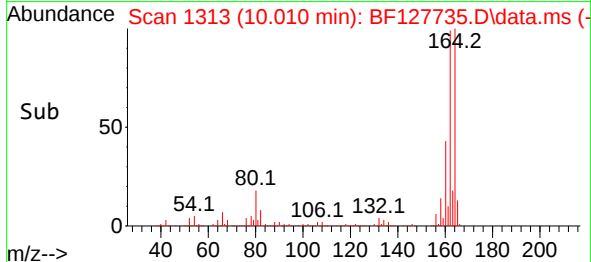
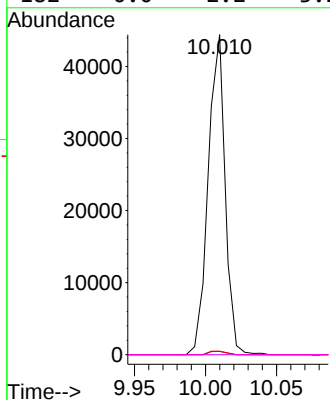
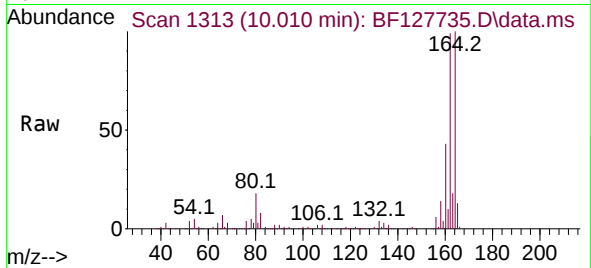




#57
2,4-Dinitrotoluene
Concen: 7.583 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

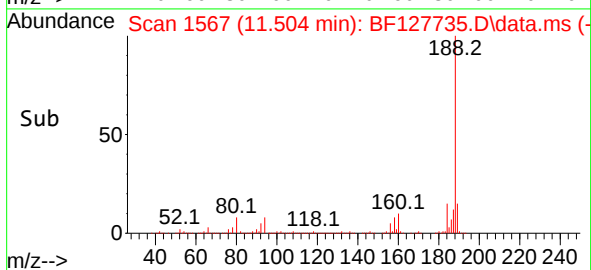
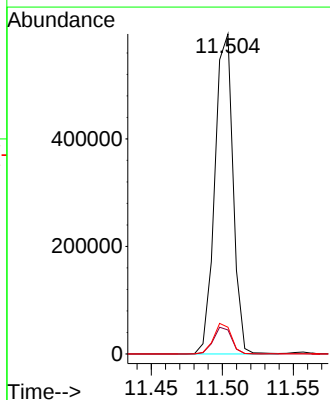
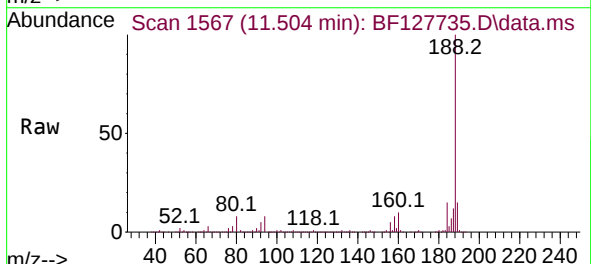
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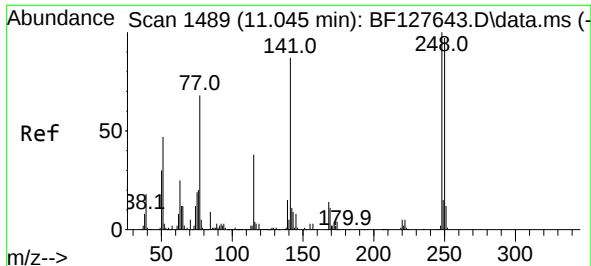
Tgt Ion:165 Resp: 36847
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

Tgt Ion:188 Resp: 531488
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.0
80 8.4 8.0 12.0

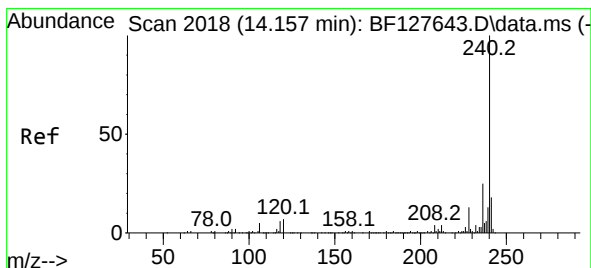
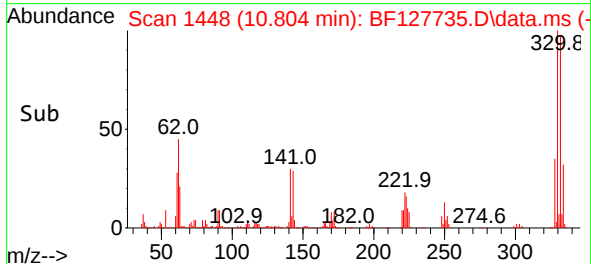
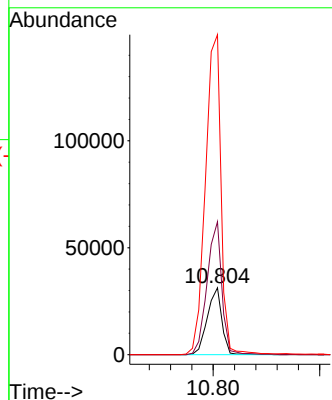
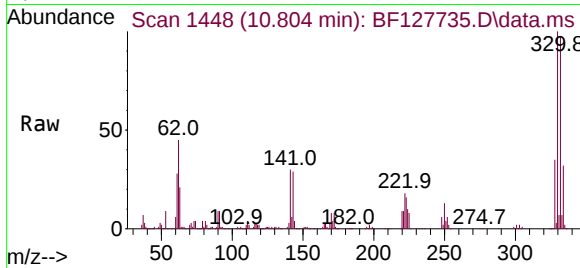




#67
4-Bromophenyl-phenylether
Concen: 4.621 ng
RT: 10.804 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

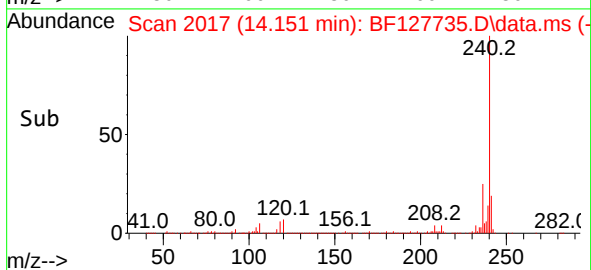
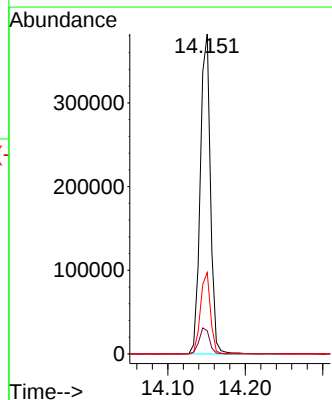
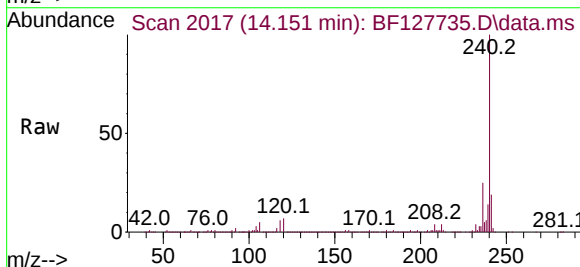
Instrument :
BNA_F
ClientSampleId :
MW-20

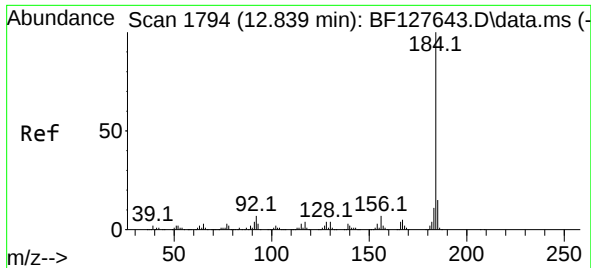
Tgt Ion:248 Resp: 29809
Ion Ratio Lower Upper
248 100
250 198.7 76.6 115.0#
141 478.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

Tgt Ion:240 Resp: 347577
Ion Ratio Lower Upper
240 100
120 7.3 7.1 10.7
236 25.5 20.7 31.1

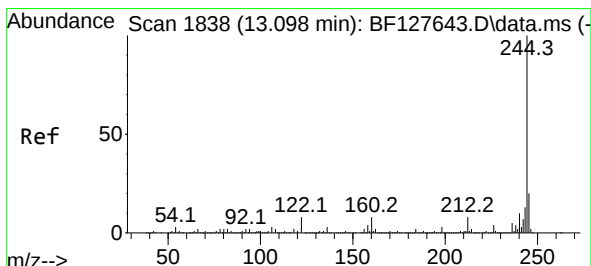
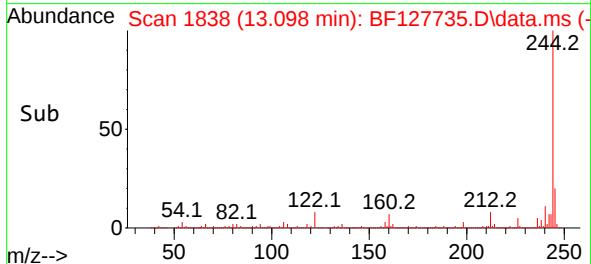
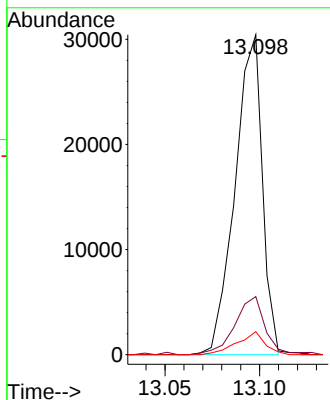
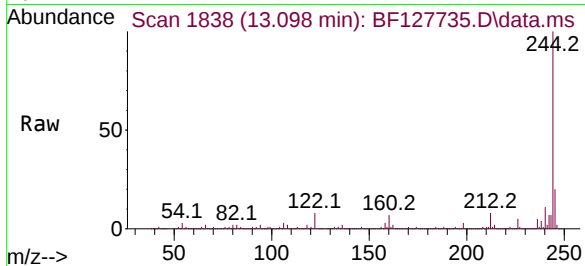




#77
Benzidine
Concen: 3.364 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

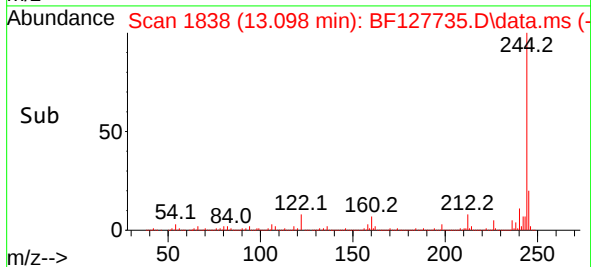
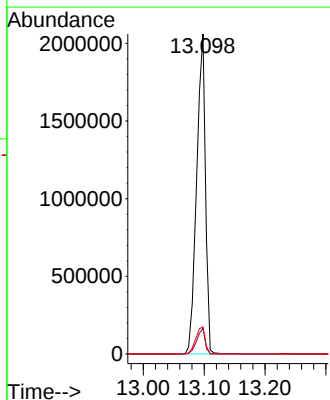
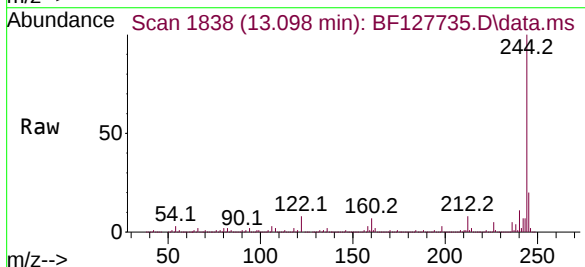
Instrument :
BNA_F
ClientSampleId :
MW-20

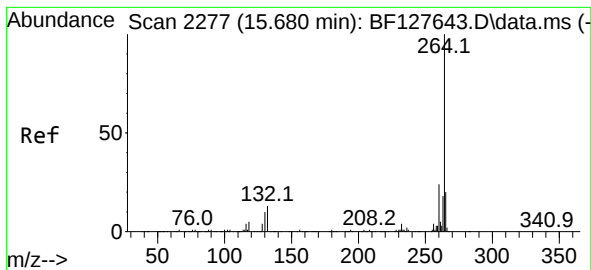
Tgt Ion:184 Resp: 30514
Ion Ratio Lower Upper
184 100
185 18.2 12.2 18.2
183 7.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 98.532 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127735.D
Acq: 11 Apr 2022 13:33

Tgt Ion:244 Resp: 2074838
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 8.5 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF127735.D

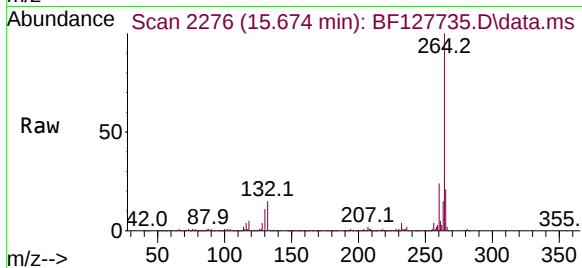
Acq: 11 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

MW-20



Tgt Ion:264 Resp: 287986

Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.3 17.4 26.2

