

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127734.D
 Acq On : 11 Apr 2022 13:05
 Operator : CG\JU
 Sample : N2334-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: Apr 11 18:54:50 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)

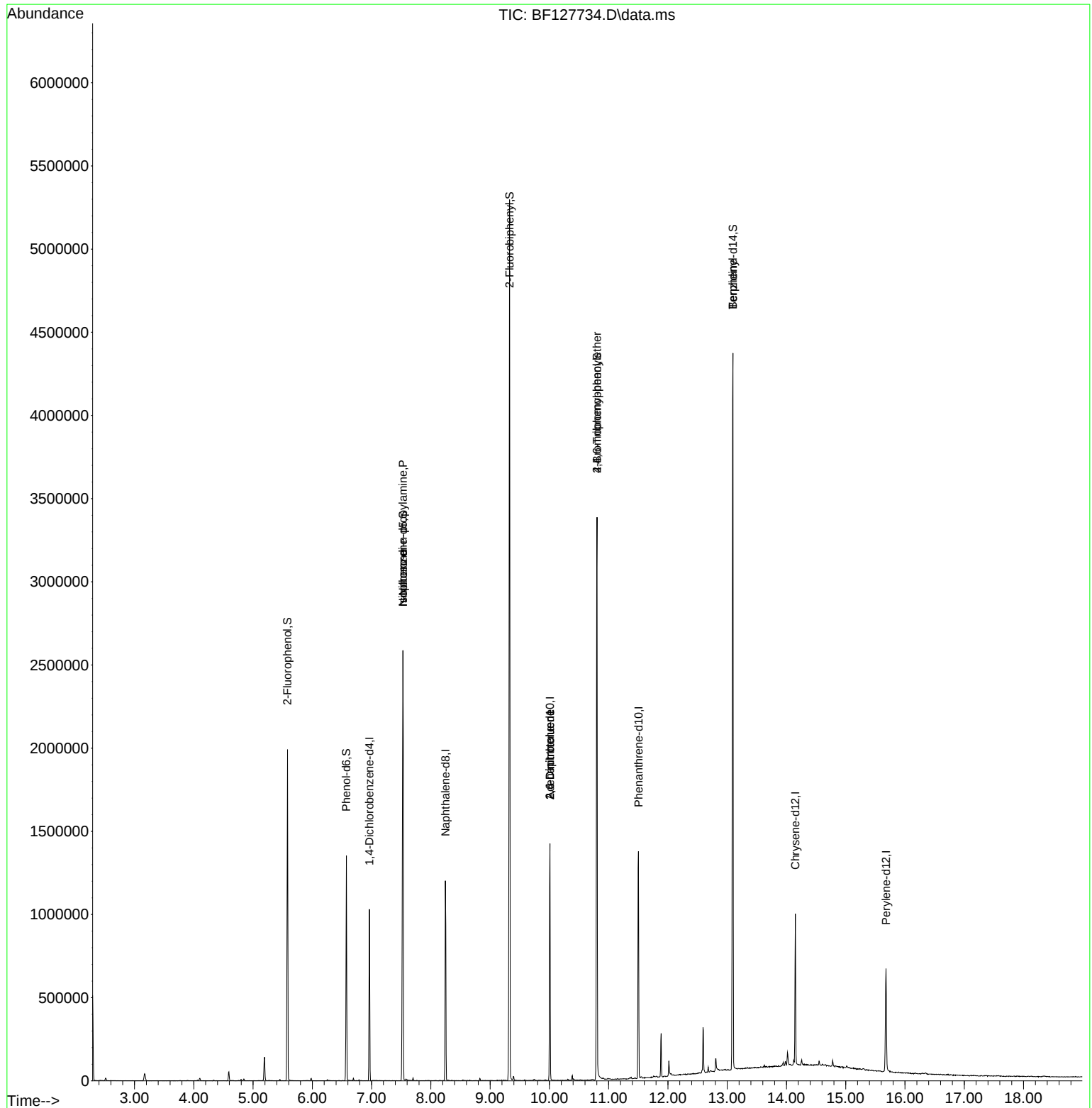
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	132927	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	479936	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	280645	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	503538	20.000	ng	0.00
76) Chrysene-d12	14.151	240	299070	20.000	ng	0.00
86) Perylene-d12	15.680	264	299788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	472095	57.709	ng	0.00
7) Phenol-d6	6.575	99	368797	34.461	ng	0.00
23) Nitrobenzene-d5	7.528	82	954919	88.703	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	443239	148.415	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1666064	83.982	ng	0.00
79) Terphenyl-d14	13.098	244	1677933	92.607	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.575	77	781	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.528	70	128271	18.531	ng	# 75
25) Isophorone	7.528	82	954893	50.833	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	36236	9.450	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	36236	7.622	ng	# 13
67) 4-Bromophenyl-phenylether	10.804	248	27755	4.542	ng	# 1
77) Benizidine	13.098	184	24246	3.106	ng	# 93

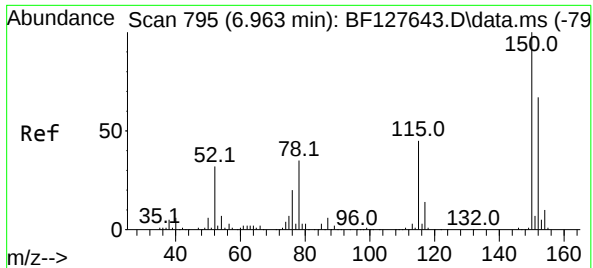
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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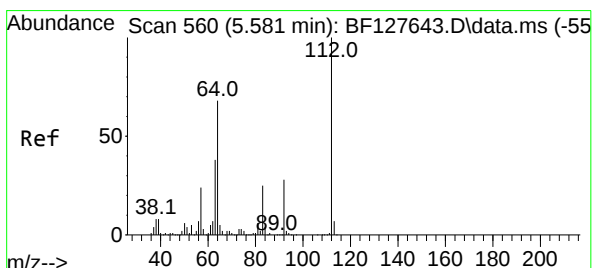
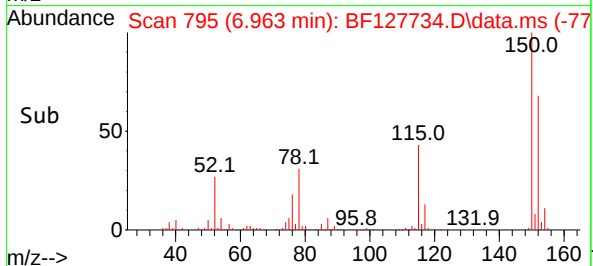
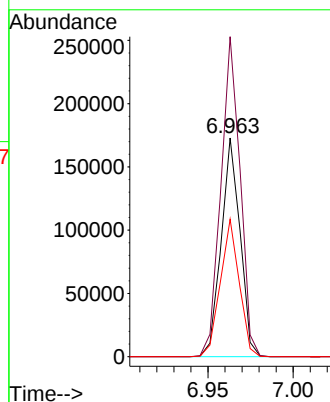
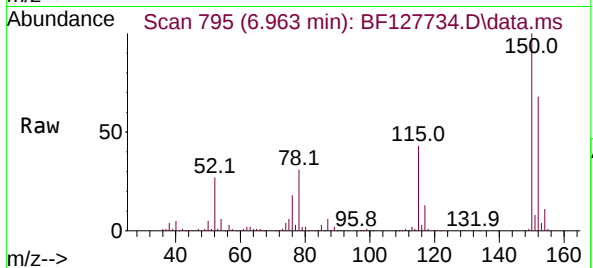




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

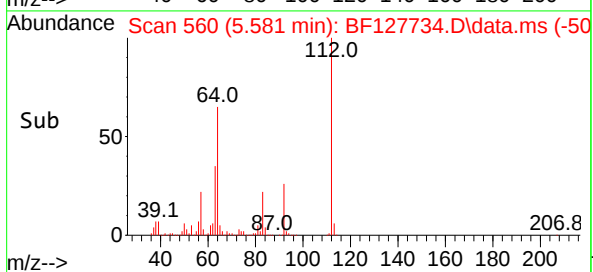
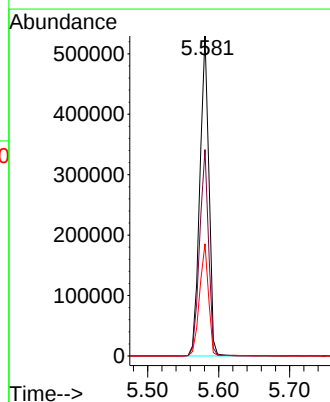
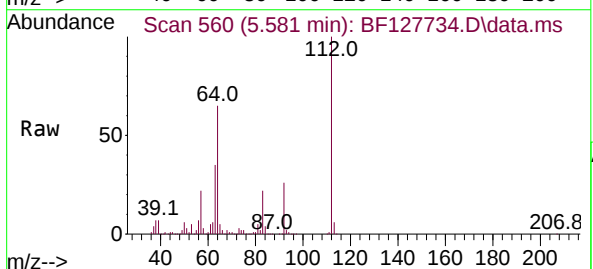
Instrument :
BNA_F
ClientSampleId :
MW-17

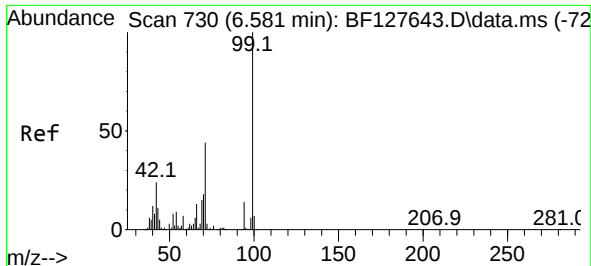
Tgt Ion:152 Resp: 132927
Ion Ratio Lower Upper
152 100
150 146.3 117.2 175.8
115 62.9 49.8 74.6



#5
2-Fluorophenol
Concen: 57.709 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

Tgt Ion:112 Resp: 472095
Ion Ratio Lower Upper
112 100
64 64.5 58.4 87.6
63 35.0 30.1 45.1

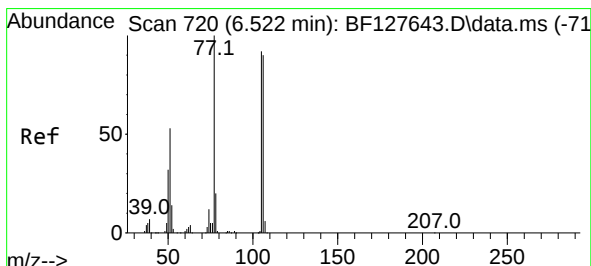
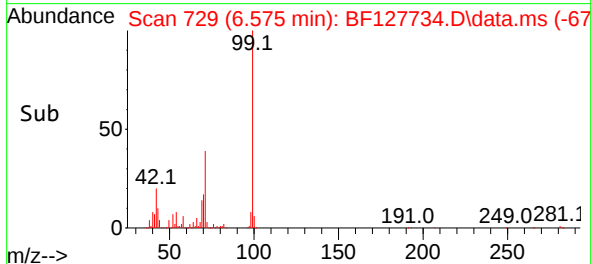
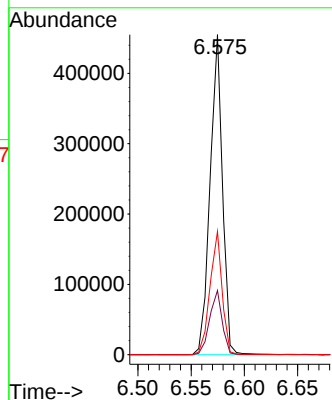
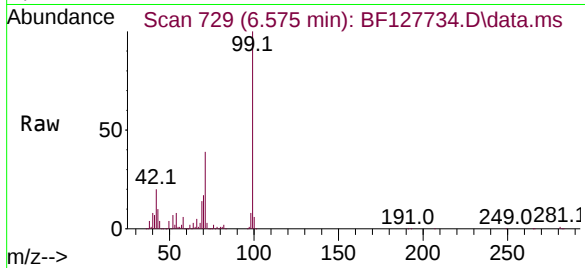




#7
Phenol-d6
Concen: 34.461 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

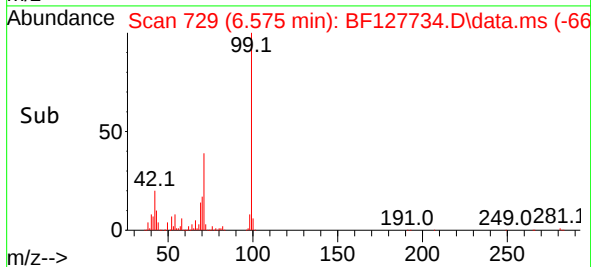
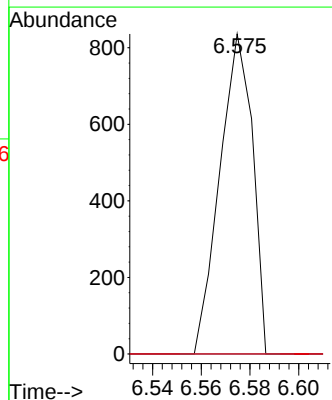
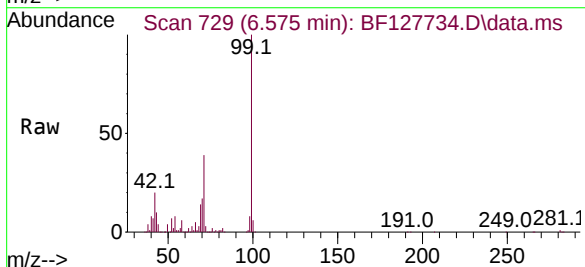
Instrument :
BNA_F
ClientSampleId :
MW-17

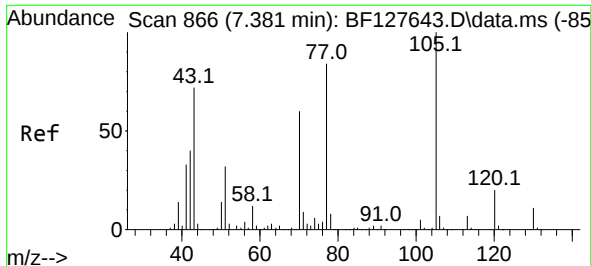
Tgt Ion: 99 Resp: 368797
Ion Ratio Lower Upper
99 100
42 20.0 17.8 26.6
71 38.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.575 min Scan# 729
Delta R.T. 0.053 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

Tgt Ion: 77 Resp: 781
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

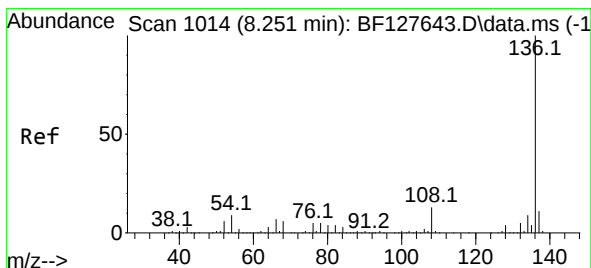
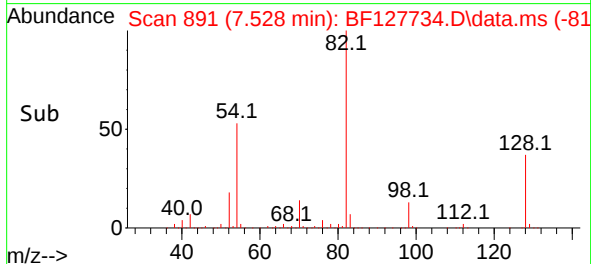
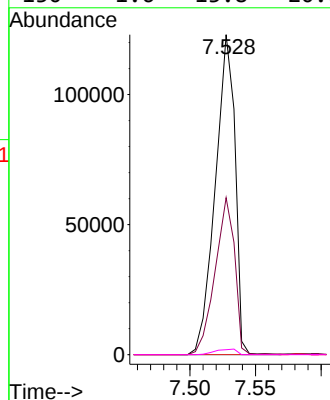
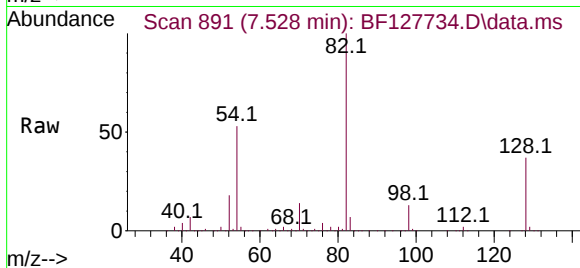




#19
n-Nitroso-di-n-propylamine
Concen: 18.531 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

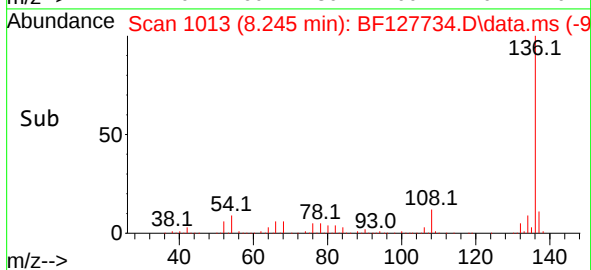
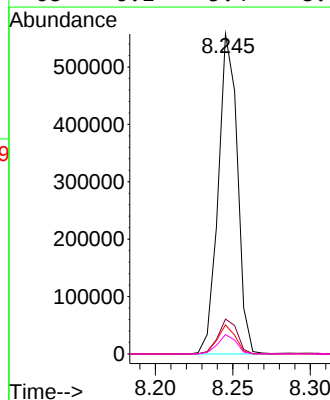
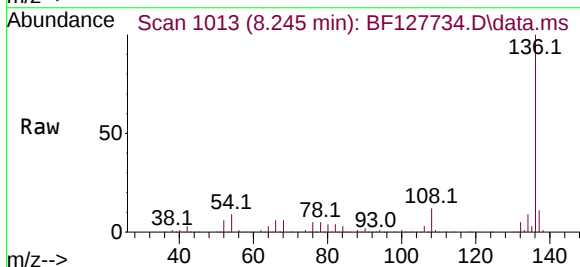
Instrument :
BNA_F
ClientSampleId :
MW-17

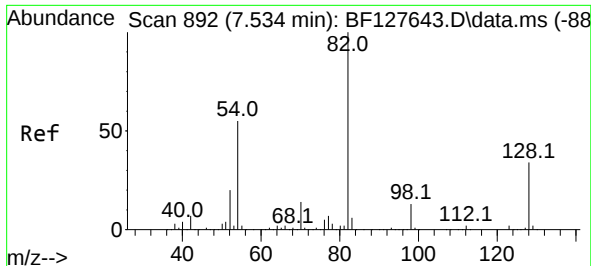
Tgt Ion: 70 Resp: 128271
Ion Ratio Lower Upper
70 100
42 49.1 53.0 79.6#
101 0.0 6.8 10.2#
130 1.6 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

Tgt Ion: 136 Resp: 479936
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.1 9.2 13.8#
68 6.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 88.703 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127734.D

Acq: 11 Apr 2022 13:05

Instrument :

BNA_F

ClientSampleId :

MW-17

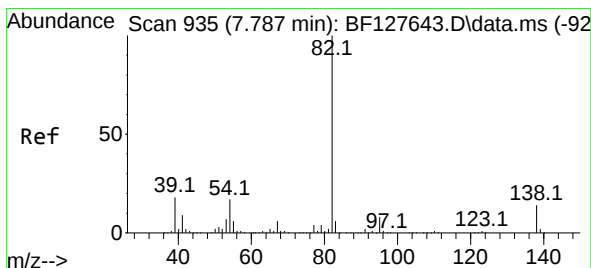
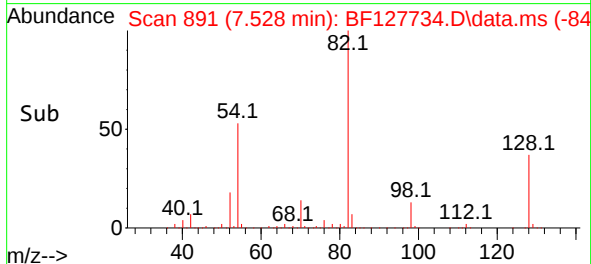
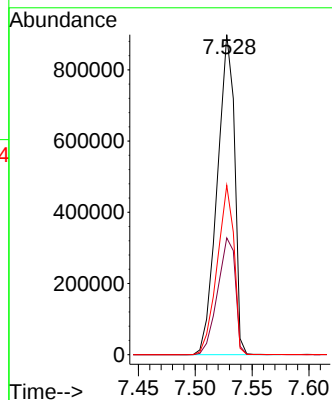
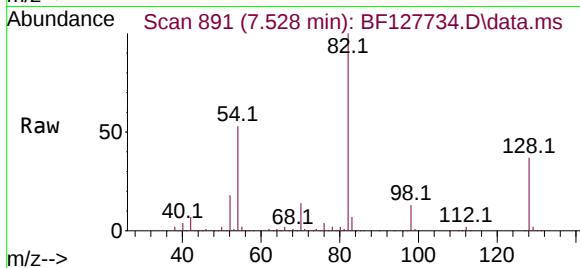
Tgt Ion: 82 Resp: 954919

Ion Ratio Lower Upper

82 100

128 36.5 30.6 45.8

54 52.9 48.2 72.2



#25

Isophorone

Concen: 50.833 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127734.D

Acq: 11 Apr 2022 13:05

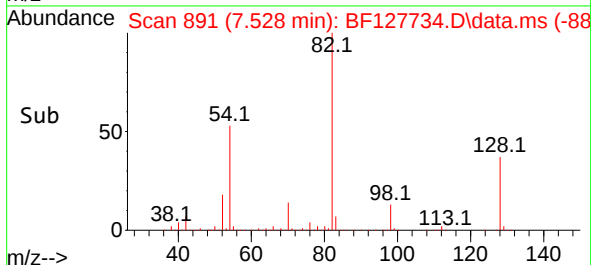
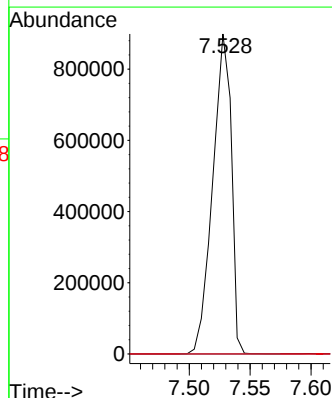
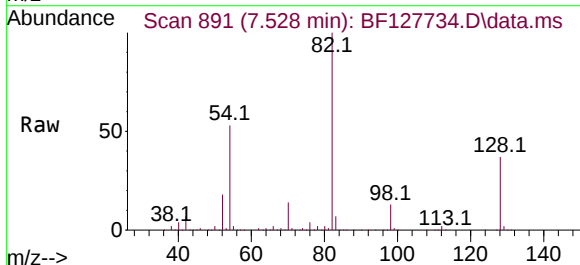
Tgt Ion: 82 Resp: 954893

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

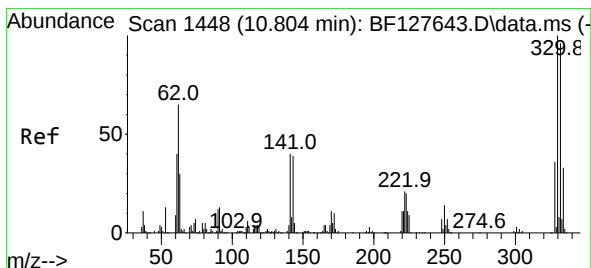
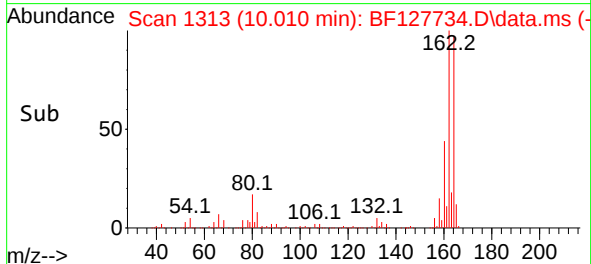
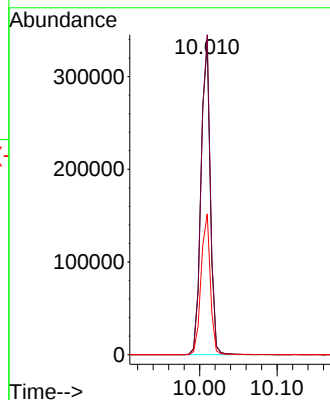
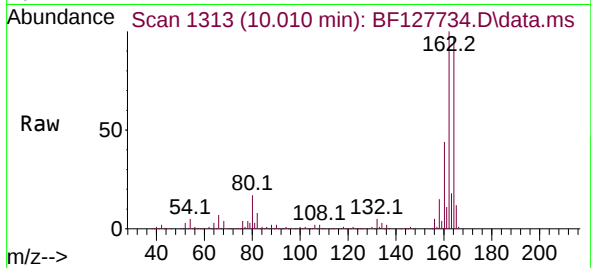




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

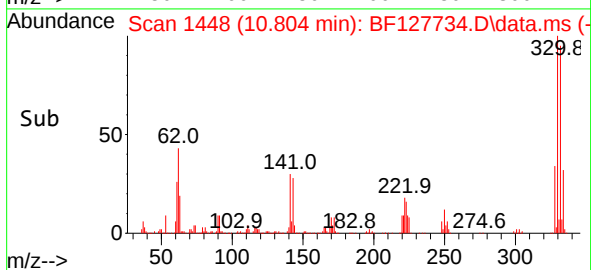
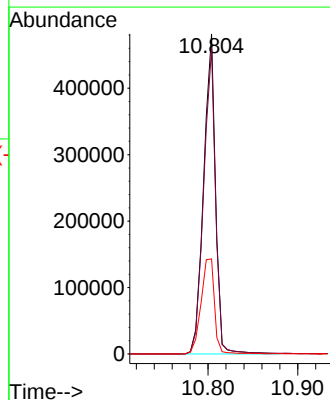
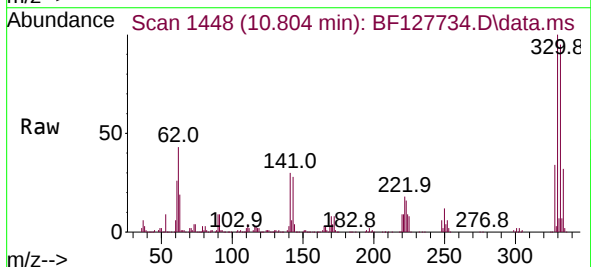
Instrument :
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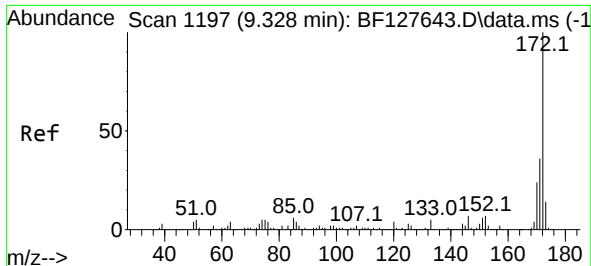
Tgt Ion:164 Resp: 280645
Ion Ratio Lower Upper
164 100
162 103.1 81.2 121.8
160 45.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 148.415 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

Tgt Ion:330 Resp: 443239
Ion Ratio Lower Upper
330 100
332 96.3 79.1 118.7
141 33.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 83.982 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127734.D

Acq: 11 Apr 2022 13:05

Instrument :

BNA_F

ClientSampleId :

MW-17

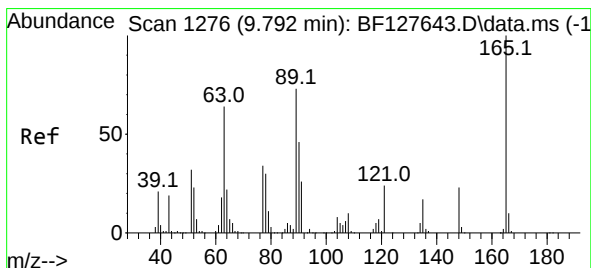
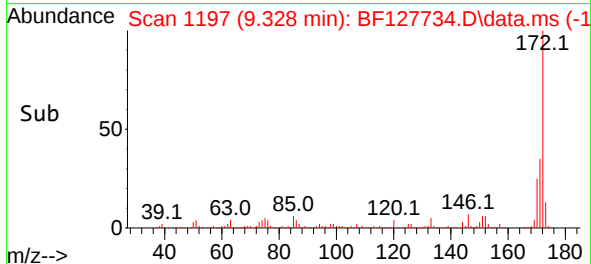
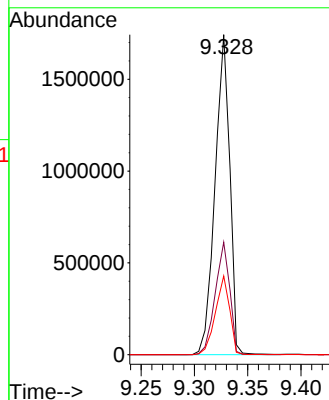
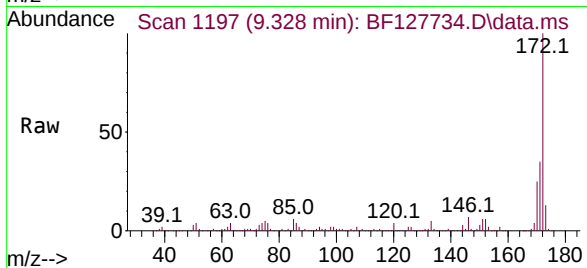
Tgt Ion:172 Resp: 1666064

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 24.6 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.450 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127734.D

Acq: 11 Apr 2022 13:05

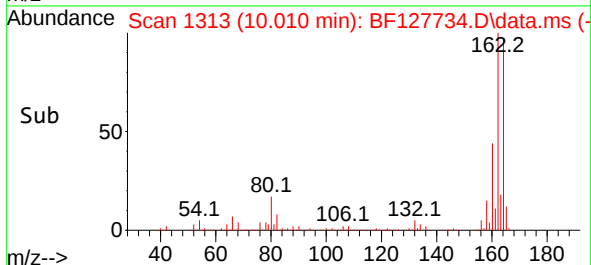
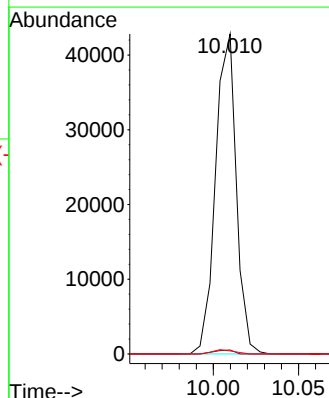
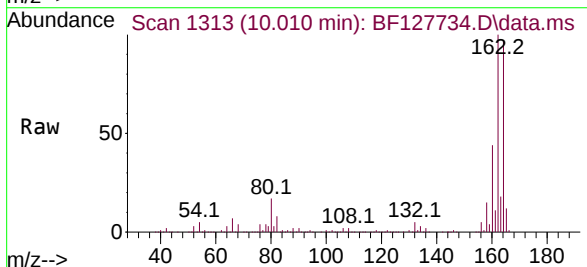
Tgt Ion:165 Resp: 36236

Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 1.0 51.5 77.3#

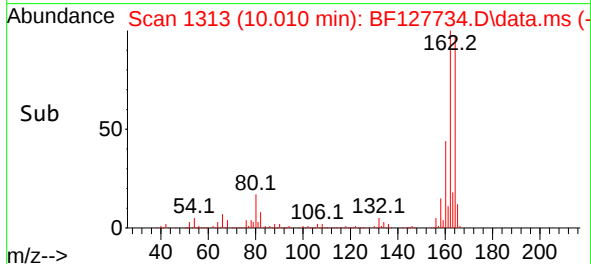
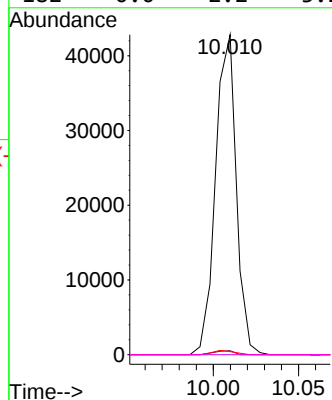
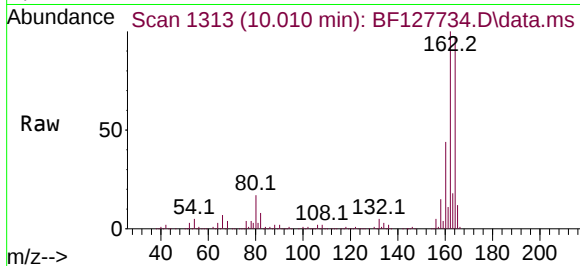




#57
2,4-Dinitrotoluene
Concen: 7.622 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

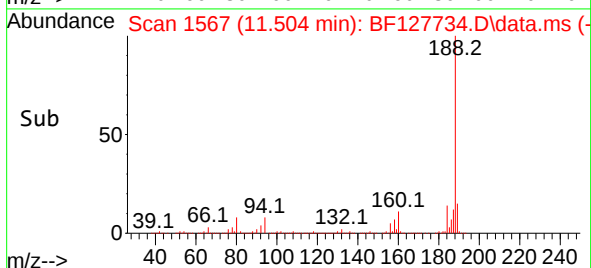
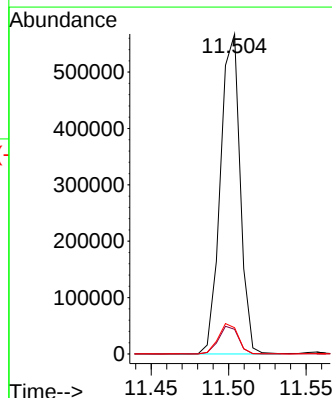
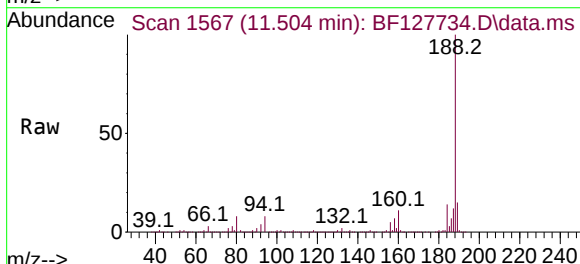
Instrument :
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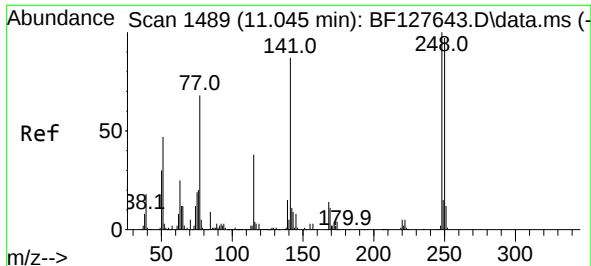
Tgt Ion:165 Resp: 36236
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

Tgt Ion:188 Resp: 503538
Ion Ratio Lower Upper
188 100
94 7.7 7.4 11.0
80 8.2 8.0 12.0

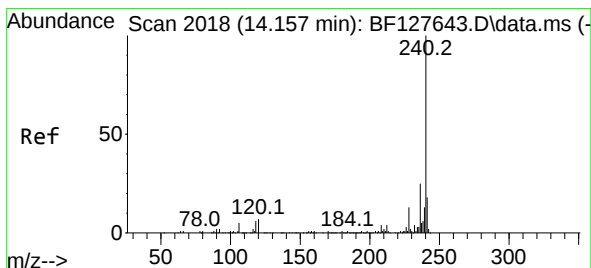
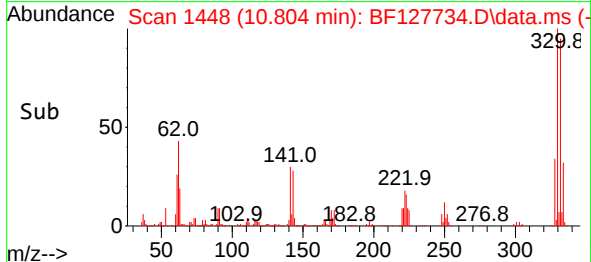
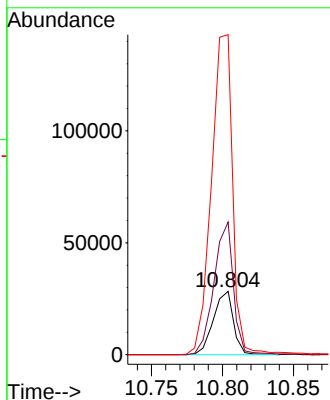
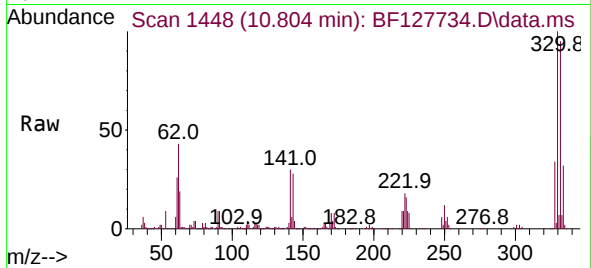




#67
4-Bromophenyl-phenylether
Concen: 4.542 ng
RT: 10.804 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

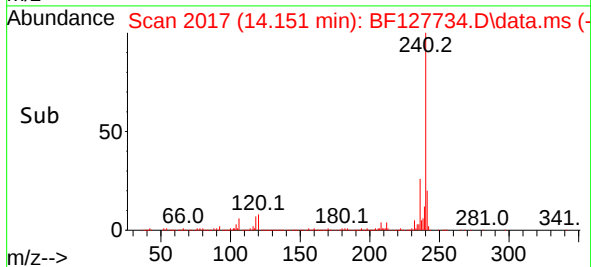
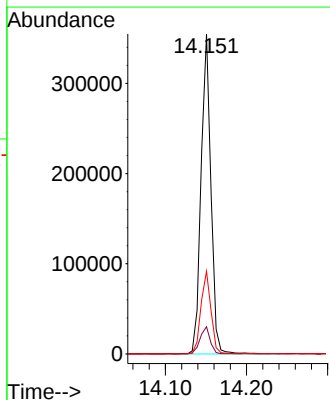
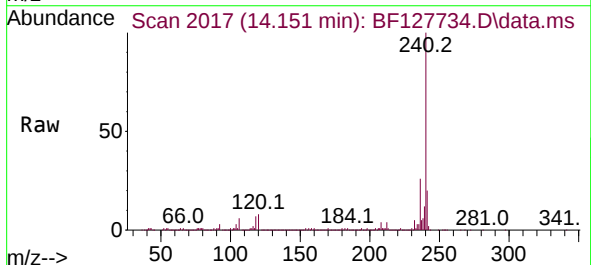
Instrument :
BNA_F
ClientSampleId :
MW-17

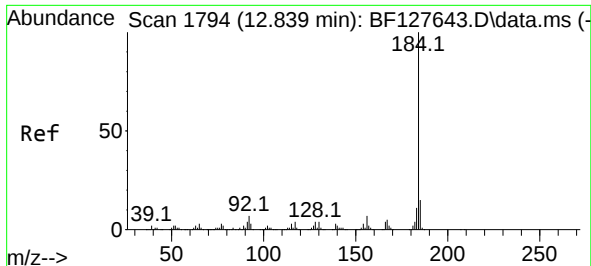
Tgt Ion:248 Resp: 27755
Ion Ratio Lower Upper
248 100
250 209.4 76.6 115.0#
141 505.3 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

Tgt Ion:240 Resp: 299070
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 25.9 20.7 31.1

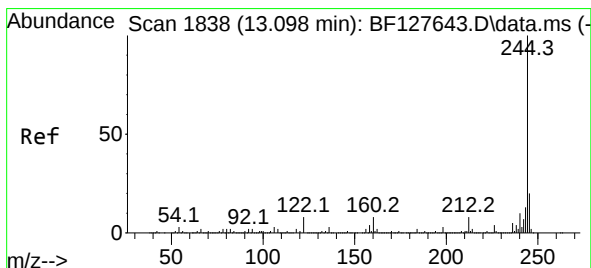
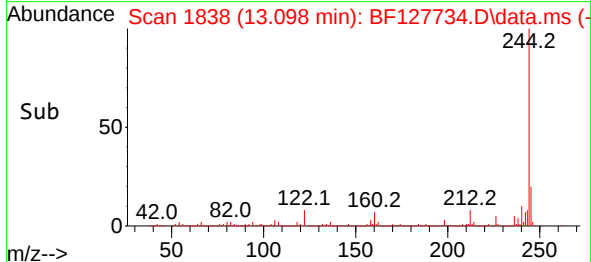
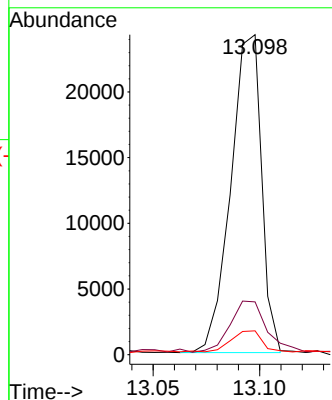
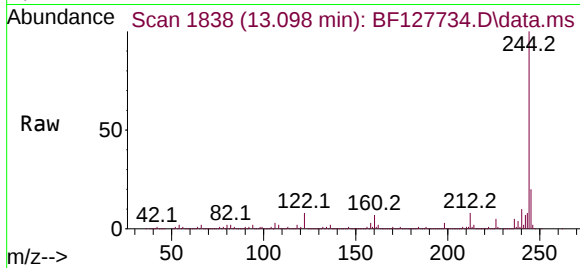




#77
Benzidine
Concen: 3.106 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

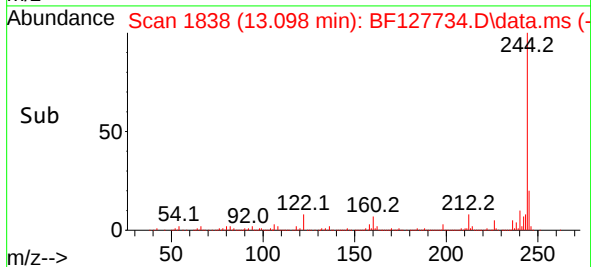
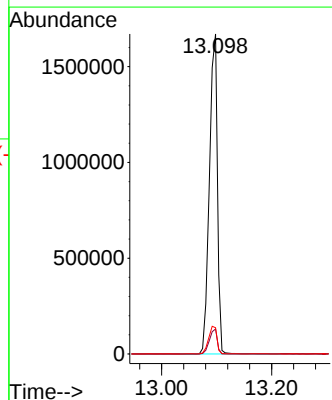
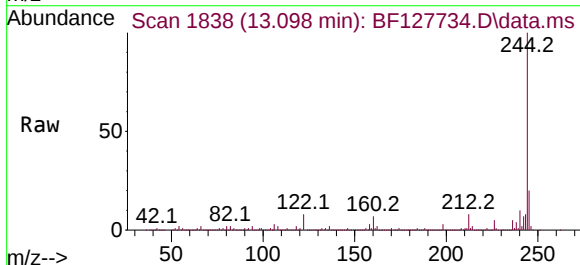
Instrument :
BNA_F
ClientSampleId :
MW-17

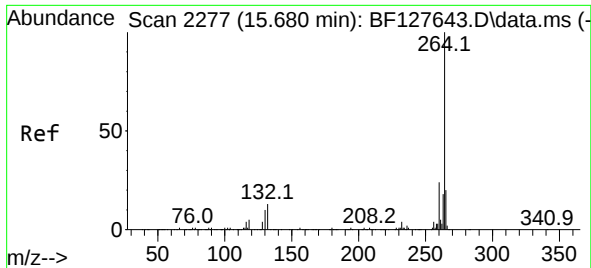
Tgt Ion:184 Resp: 24246
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.2
183 7.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 92.607 ng
RT: 13.098 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

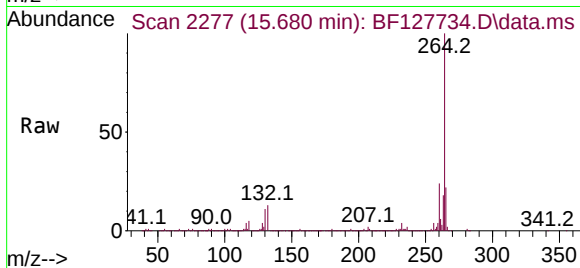
Tgt Ion:244 Resp: 1677933
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 8.2 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127734.D
Acq: 11 Apr 2022 13:05

Instrument :
BNA_F
ClientSampleId :
MW-17



Tgt Ion:264 Resp: 299788

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	21.7	17.4	26.2

