

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127733.D
 Acq On : 11 Apr 2022 12:36
 Operator : CG\JU
 Sample : N2334-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

Quant Time: Apr 11 18:54:34 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)

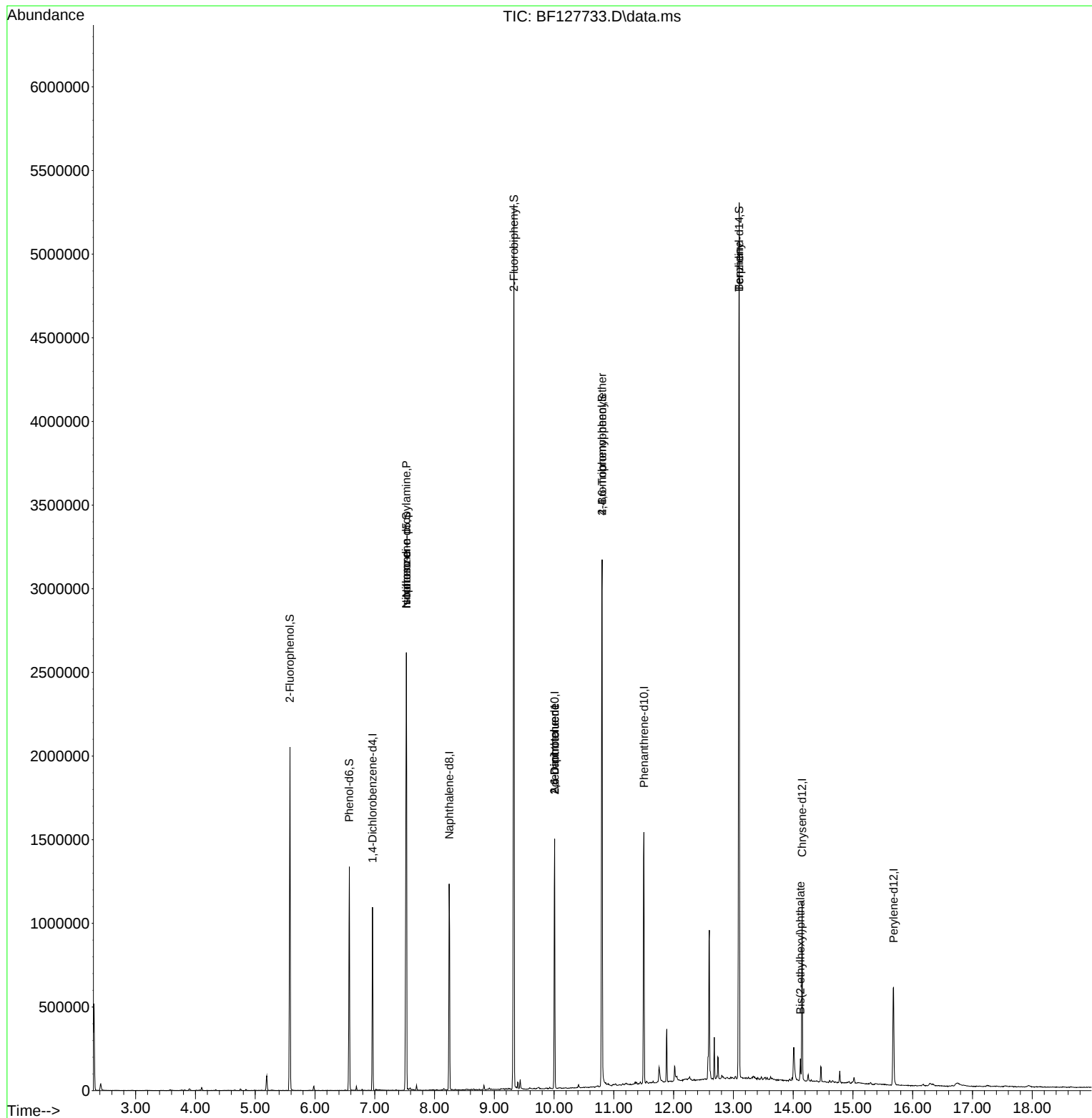
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139076	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	507093	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	297727	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	555719	20.000	ng	0.00
76) Chrysene-d12	14.151	240	370705	20.000	ng	0.00
86) Perylene-d12	15.680	264	296988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	483203	56.455	ng	0.00
7) Phenol-d6	6.575	99	382933	34.199	ng	0.00
23) Nitrobenzene-d5	7.528	82	960982	84.485	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	424196	133.889	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1668004	79.256	ng	0.00
79) Terphenyl-d14	13.098	244	1980544	88.186	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	382	Below Cal	#	36
19) n-Nitroso-di-n-propyla...	7.528	70	131355	18.138	ng	# 76
25) Isophorone	7.528	82	960969	48.417	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	37881	9.312	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	37881	7.511	ng	# 14
67) 4-Bromophenyl-phenylether	10.804	248	27146	4.025	ng	# 1
77) Benzidine	13.098	184	29973	3.098	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.121	149	34137	2.078	ng	97

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

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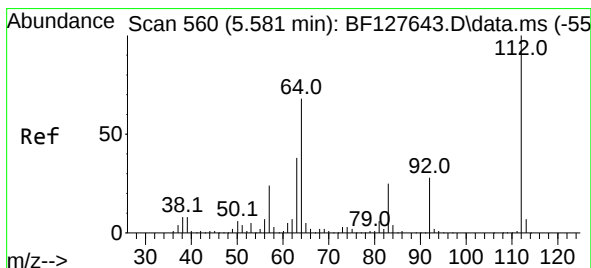
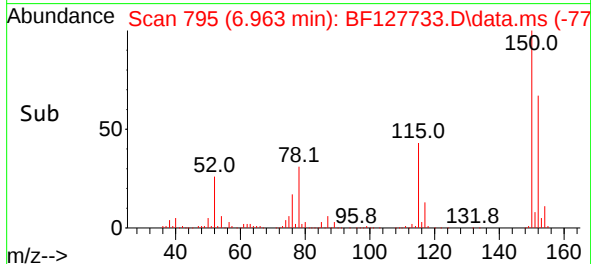
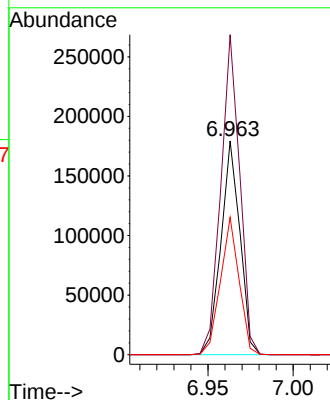
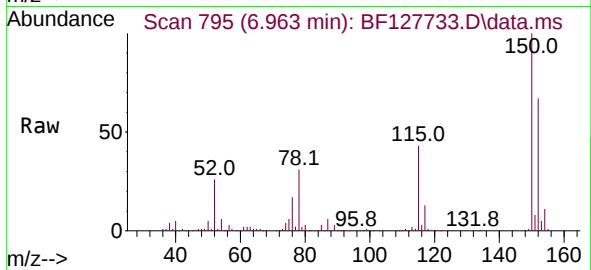




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

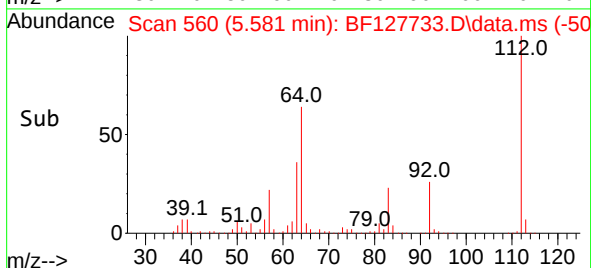
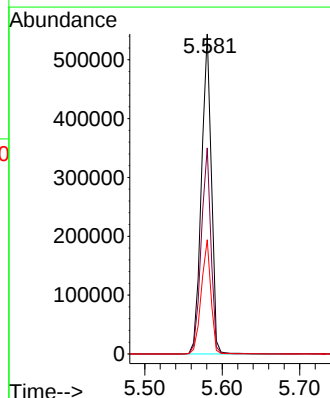
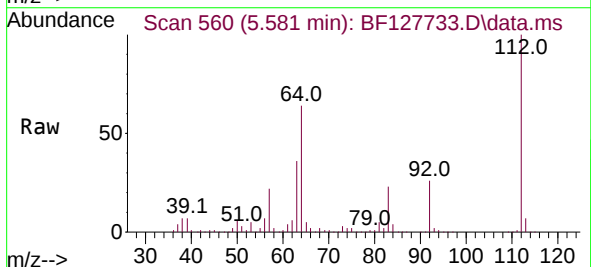
Instrument :
BNA_F
ClientSampleId :
MW-16R

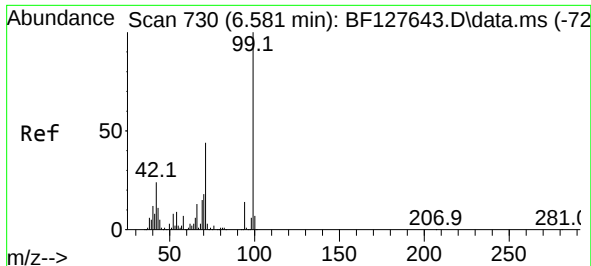
Tgt Ion:152 Resp: 139076
Ion Ratio Lower Upper
152 100
150 149.7 117.2 175.8
115 64.2 49.8 74.6



#5
2-Fluorophenol
Concen: 56.455 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

Tgt Ion:112 Resp: 483203
Ion Ratio Lower Upper
112 100
64 64.4 58.4 87.6
63 35.7 30.1 45.1

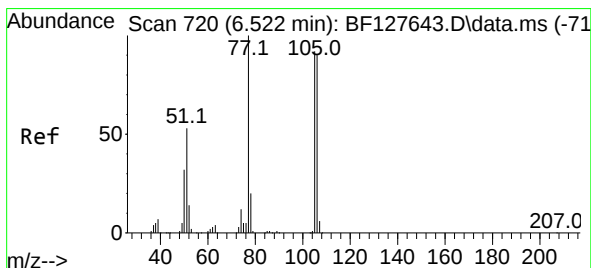
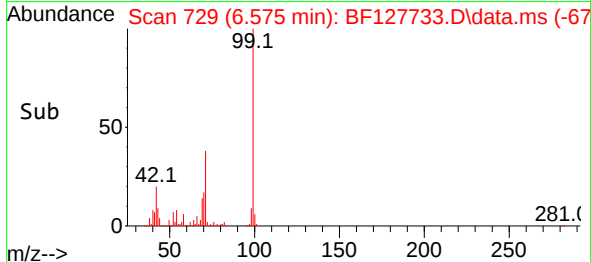
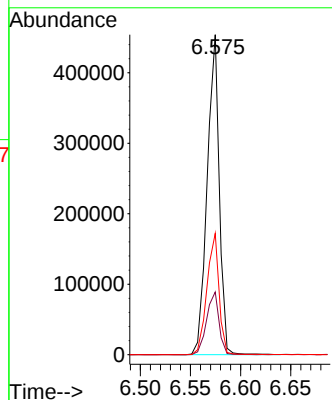
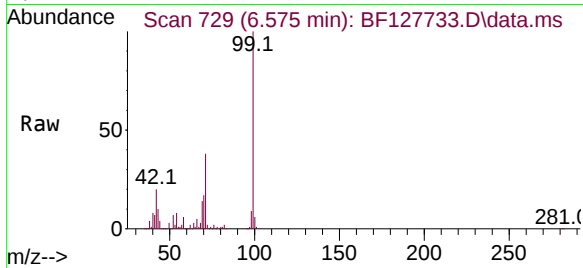




#7
Phenol-d6
Concen: 34.199 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

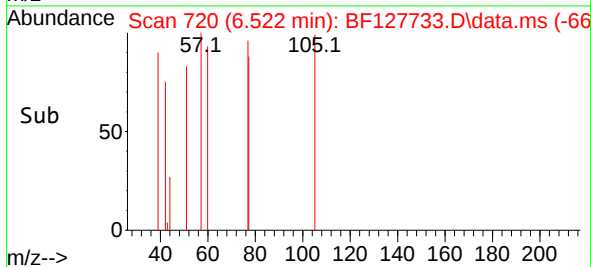
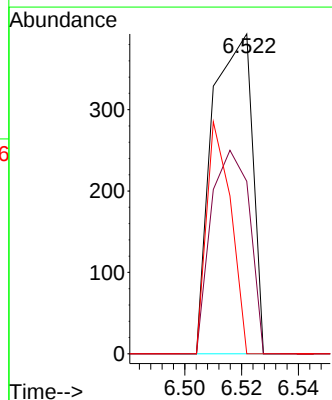
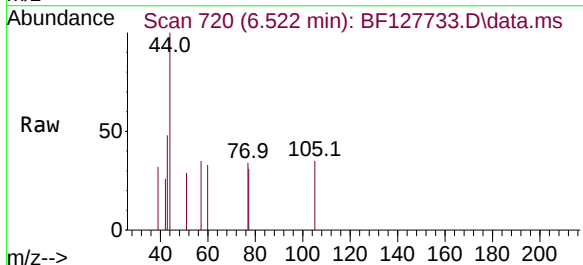
Instrument :
BNA_F
ClientSampleId :
MW-16R

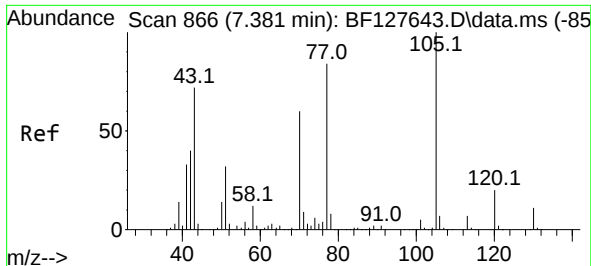
Tgt Ion: 99 Resp: 382933
Ion Ratio Lower Upper
99 100
42 19.6 17.8 26.6
71 37.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

Tgt Ion: 77 Resp: 382
Ion Ratio Lower Upper
77 100
105 53.9 66.8 106.8#
106 0.0 64.3 104.3#

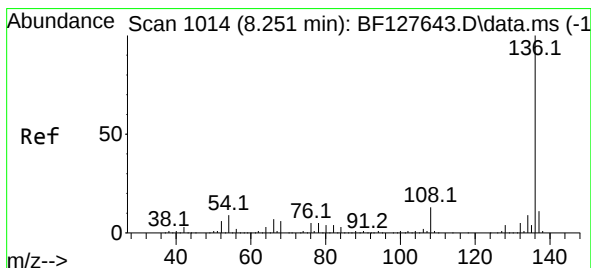
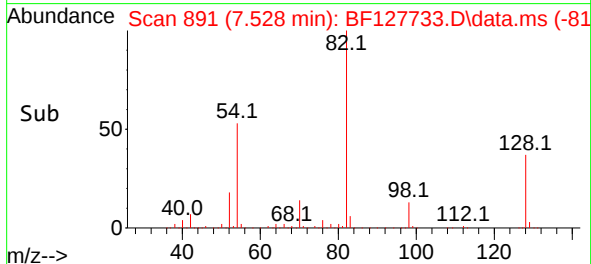
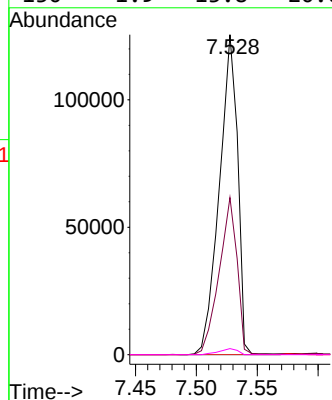
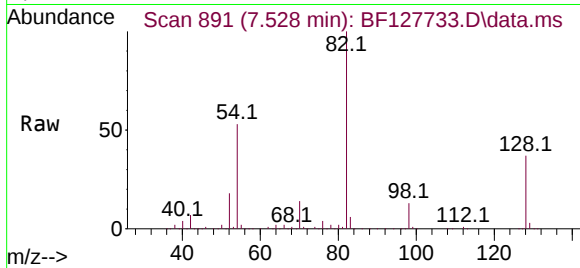




#19
n-Nitroso-di-n-propylamine
Concen: 18.138 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

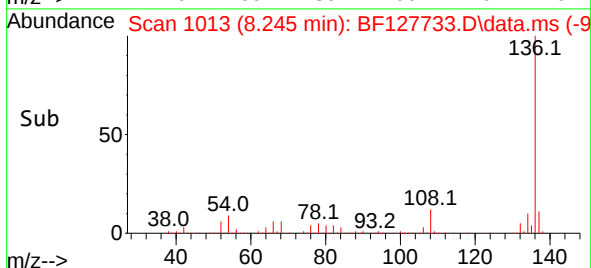
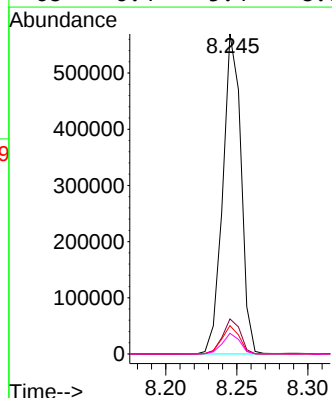
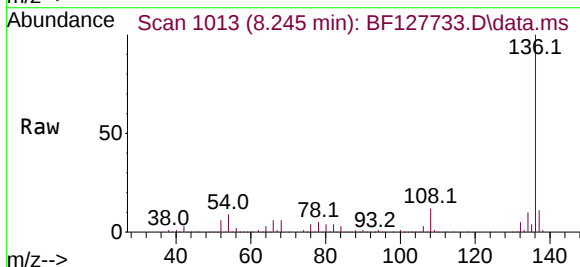
Instrument :
BNA_F
ClientSampleId :
MW-16R

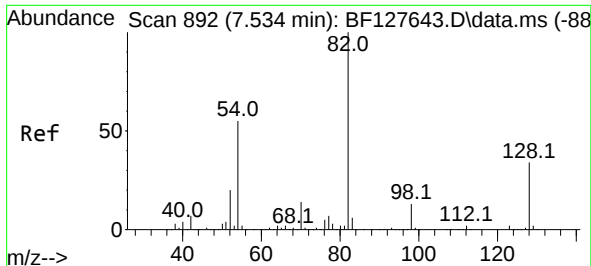
Tgt Ion: 70 Resp: 131355
Ion Ratio Lower Upper
70 100
42 49.1 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

Tgt Ion:136 Resp: 507093
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.8 9.2 13.8#
68 6.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 84.485 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127733.D

Acq: 11 Apr 2022 12:36

Instrument :

BNA_F

ClientSampleId :

MW-16R

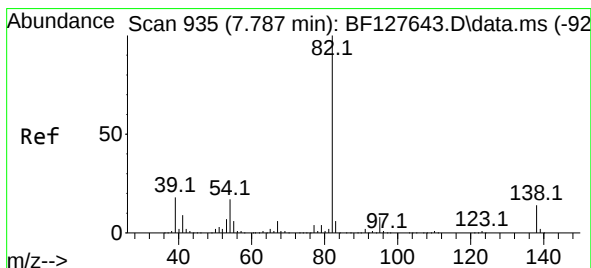
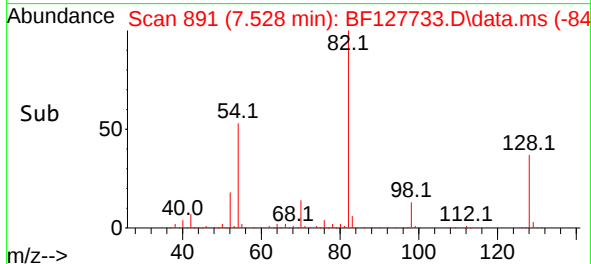
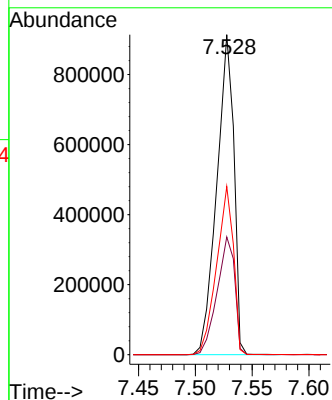
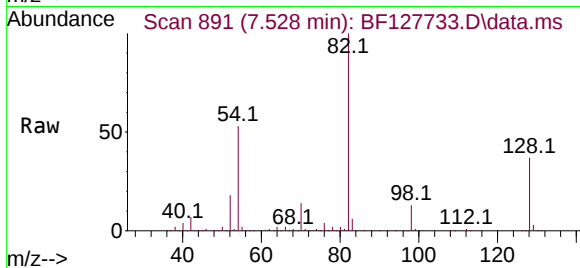
Tgt Ion: 82 Resp: 960982

Ion Ratio Lower Upper

82 100

128 36.8 30.6 45.8

54 52.5 48.2 72.2



#25

Isophorone

Concen: 48.417 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.259 min

Lab File: BF127733.D

Acq: 11 Apr 2022 12:36

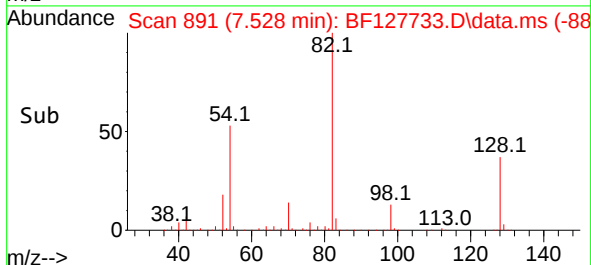
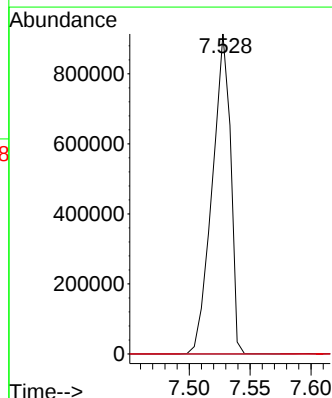
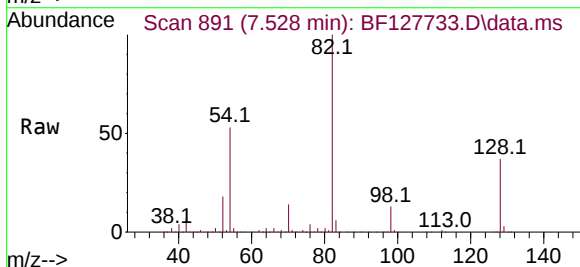
Tgt Ion: 82 Resp: 960969

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

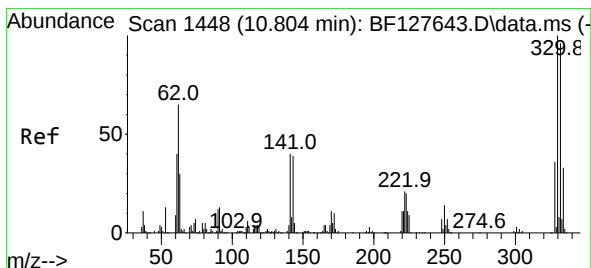
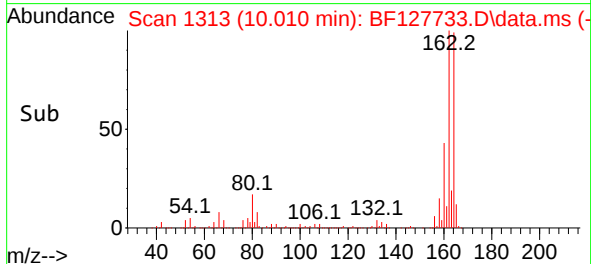
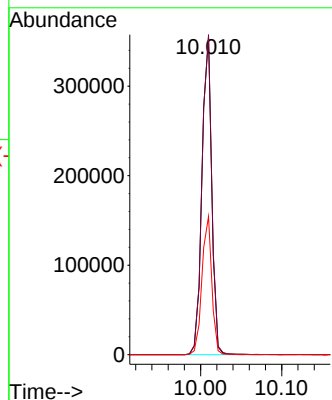
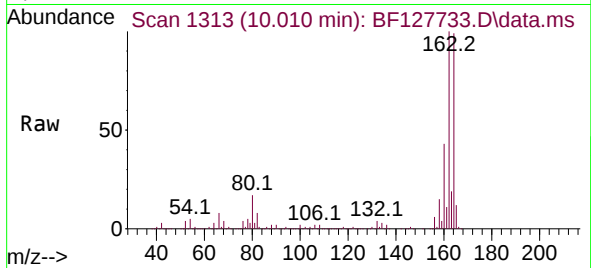




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

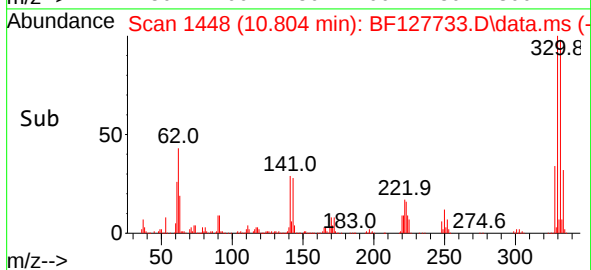
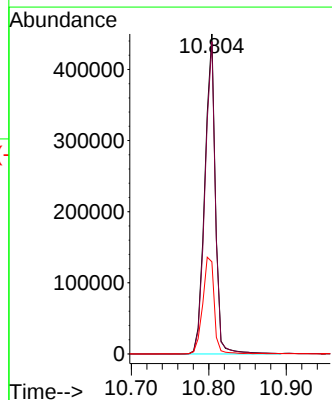
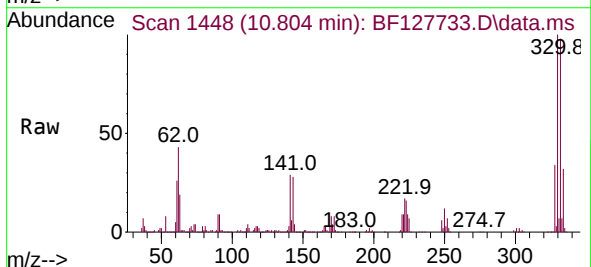
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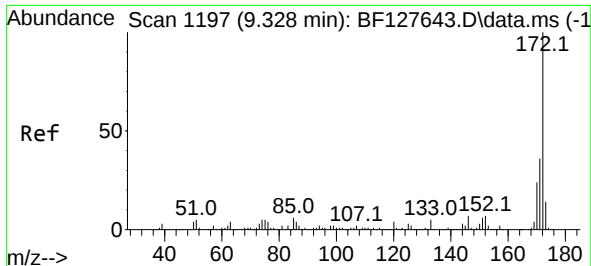
Tgt Ion:164 Resp: 297727
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 43.5 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 133.889 ng
RT: 10.804 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

Tgt Ion:330 Resp: 424196
Ion Ratio Lower Upper
330 100
332 96.6 79.1 118.7
141 33.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 79.256 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127733.D

Acq: 11 Apr 2022 12:36

Instrument :

BNA_F

ClientSampleId :

MW-16R

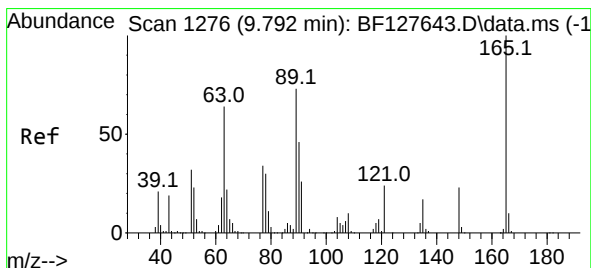
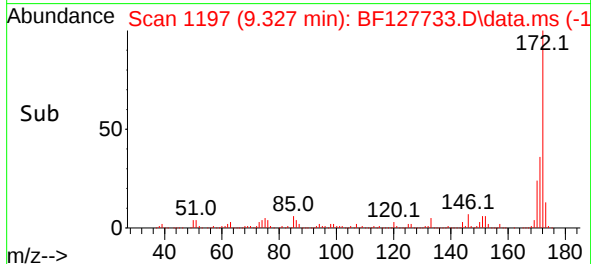
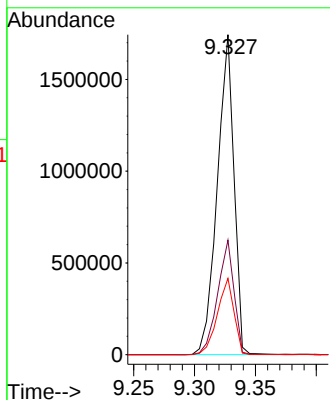
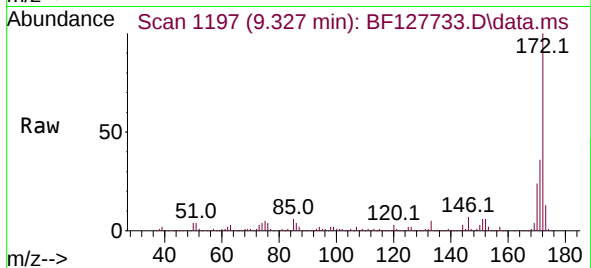
Tgt Ion:172 Resp: 1668004

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.8 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.312 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127733.D

Acq: 11 Apr 2022 12:36

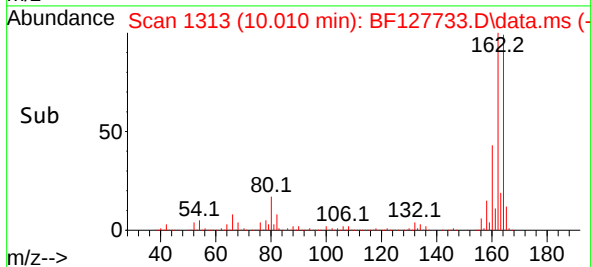
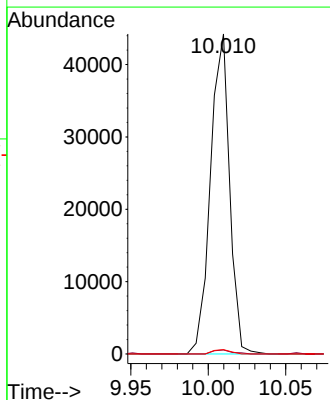
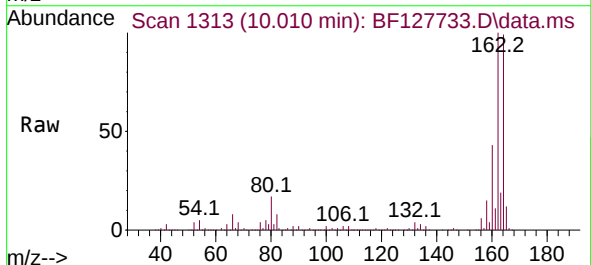
Tgt Ion:165 Resp: 37881

Ion Ratio Lower Upper

165 100

63 1.2 58.3 87.5#

89 1.3 51.5 77.3#

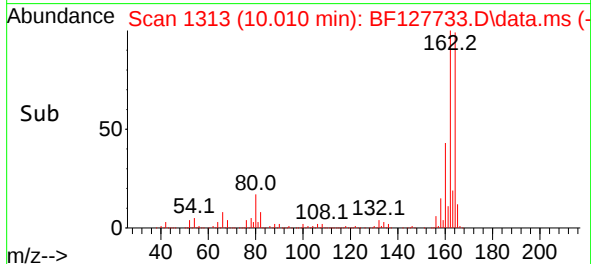
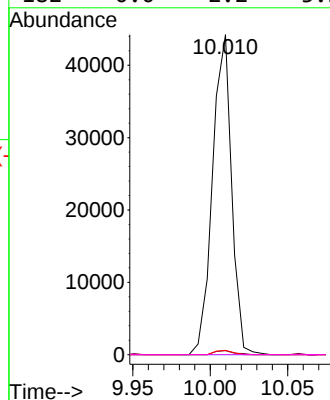
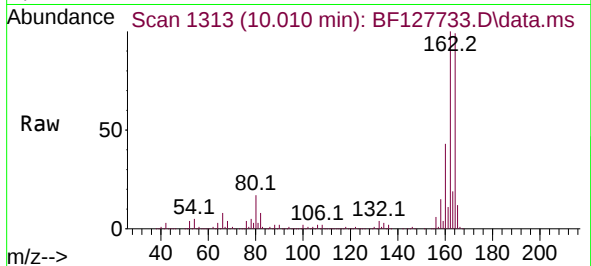




#57
2,4-Dinitrotoluene
Concen: 7.511 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

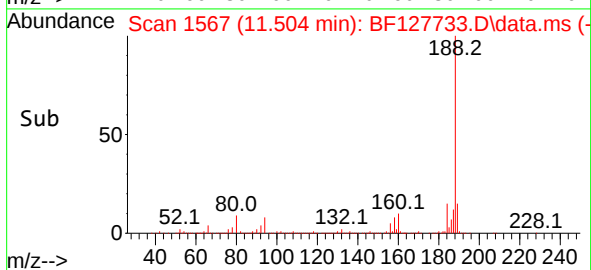
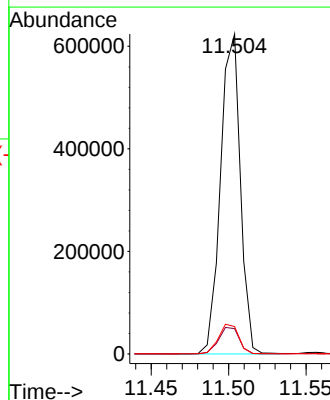
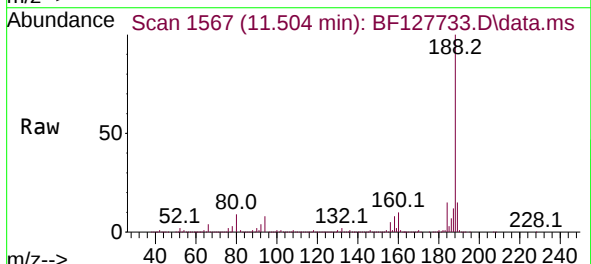
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MW-16R

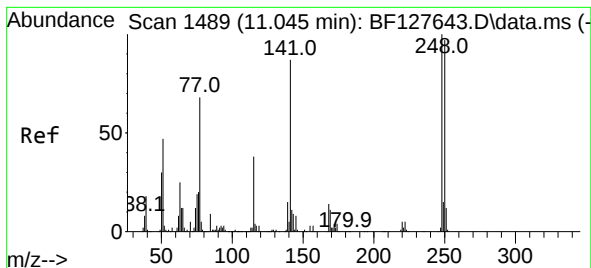
Tgt Ion:165 Resp: 37881
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

Tgt Ion:188 Resp: 555719
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.0
80 8.6 8.0 12.0

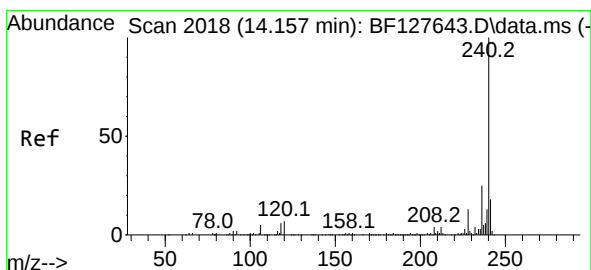
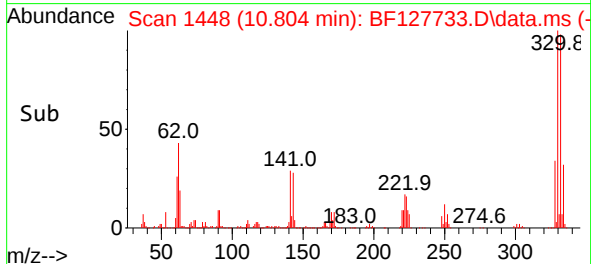
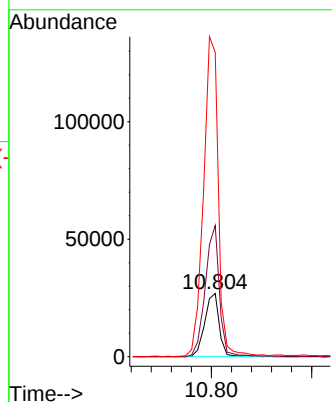
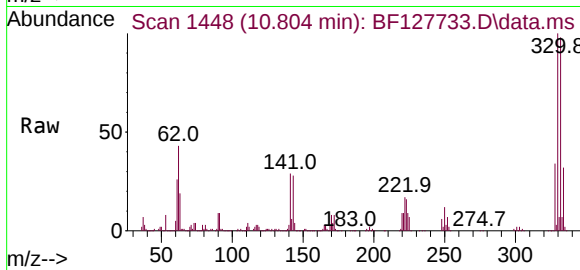




#67
4-Bromophenyl-phenylether
Concen: 4.025 ng
RT: 10.804 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

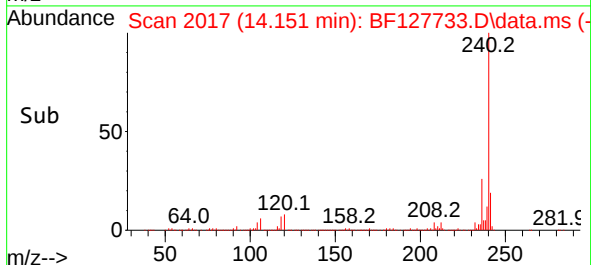
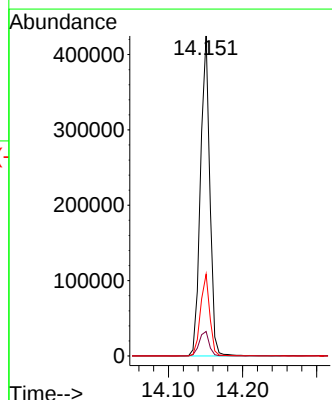
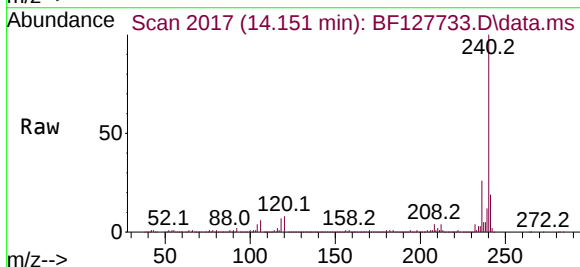
Instrument :
BNA_F
ClientSampleId :
MW-16R

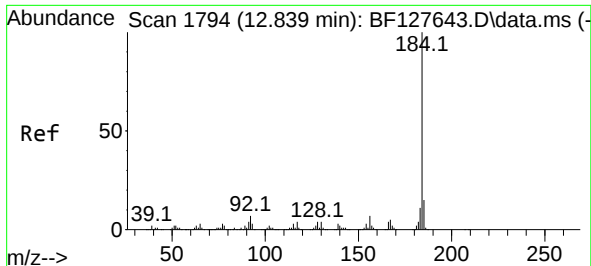
Tgt Ion:248 Resp: 27146
Ion Ratio Lower Upper
248 100
250 207.4 76.6 115.0#
141 481.0 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

Tgt Ion:240 Resp: 370705
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 25.6 20.7 31.1

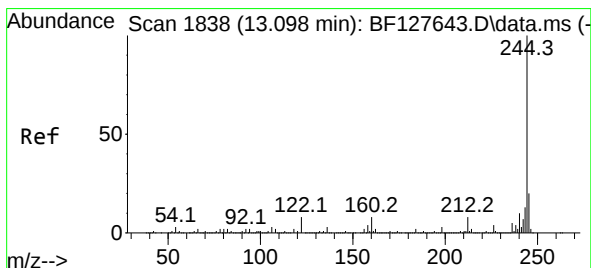
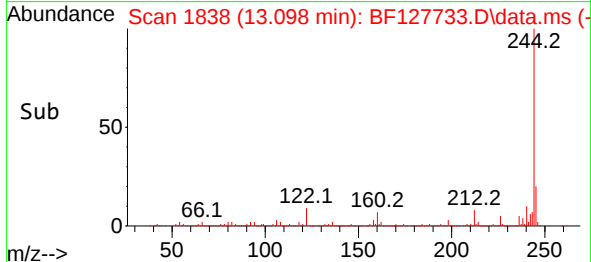
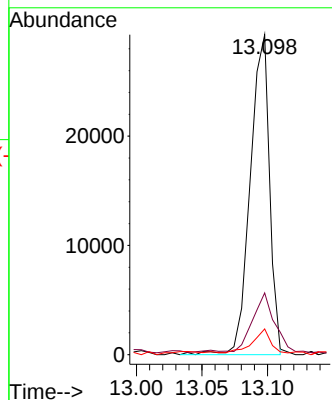
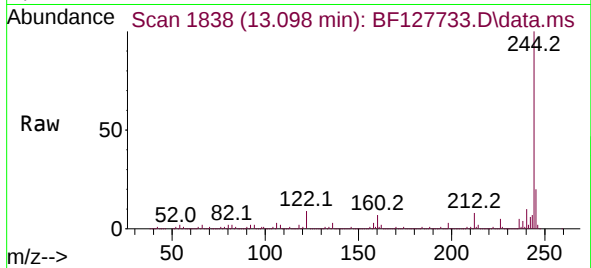




#77
Benzidine
Concen: 3.098 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

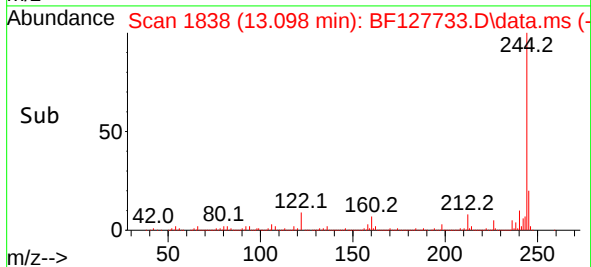
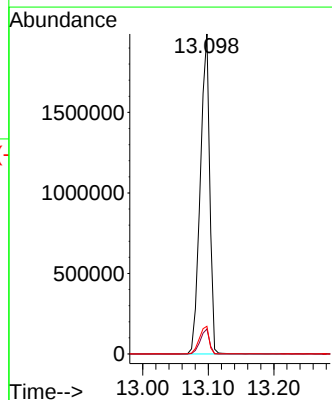
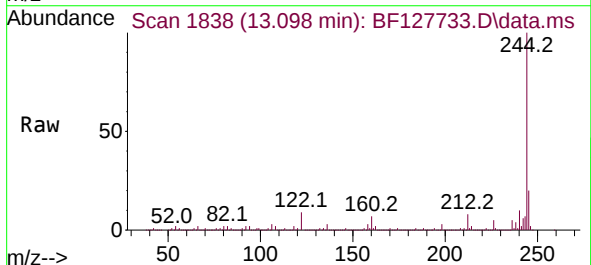
Instrument :
BNA_F
ClientSampleId :
MW-16R

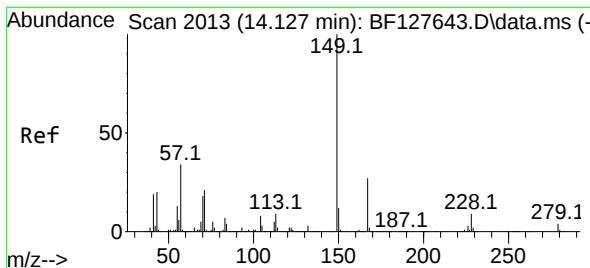
Tgt Ion:184 Resp: 29973
Ion Ratio Lower Upper
184 100
185 19.3 12.2 18.2#
183 8.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 88.186 ng
RT: 13.098 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF127733.D
Acq: 11 Apr 2022 12:36

Tgt Ion:244 Resp: 1980544
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 8.7 6.2 9.2

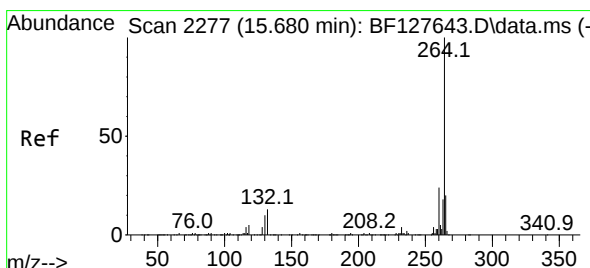
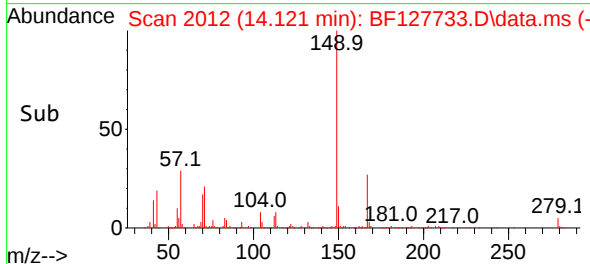
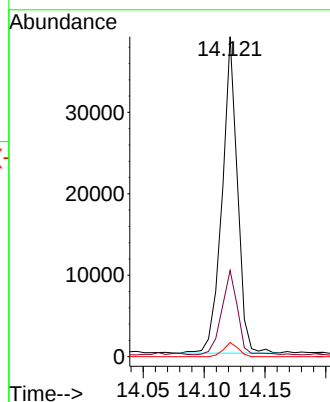
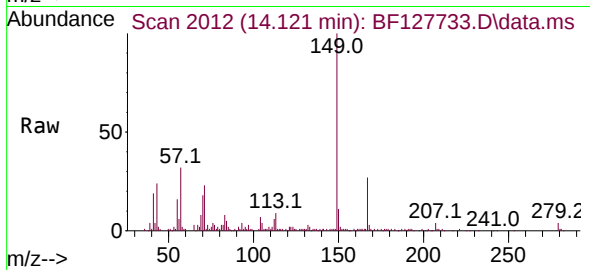




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.078 ng
 RT: 14.121 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF127733.D
 Acq: 11 Apr 2022 12:36

Instrument :
 BNA_F
 ClientSampleId :
 MW-16R

Tgt Ion:149 Resp: 34137
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.9 34.3
 279 4.5 3.2 4.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.680 min Scan# 2277
 Delta R.T. -0.000 min
 Lab File: BF127733.D
 Acq: 11 Apr 2022 12:36

Tgt Ion:264 Resp: 296988
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.4 17.4 26.2

