

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127959.D
 Acq On : 27 Apr 2022 21:50
 Operator : CG\JU
 Sample : N2512-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19

Quant Time: Apr 28 05:17:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

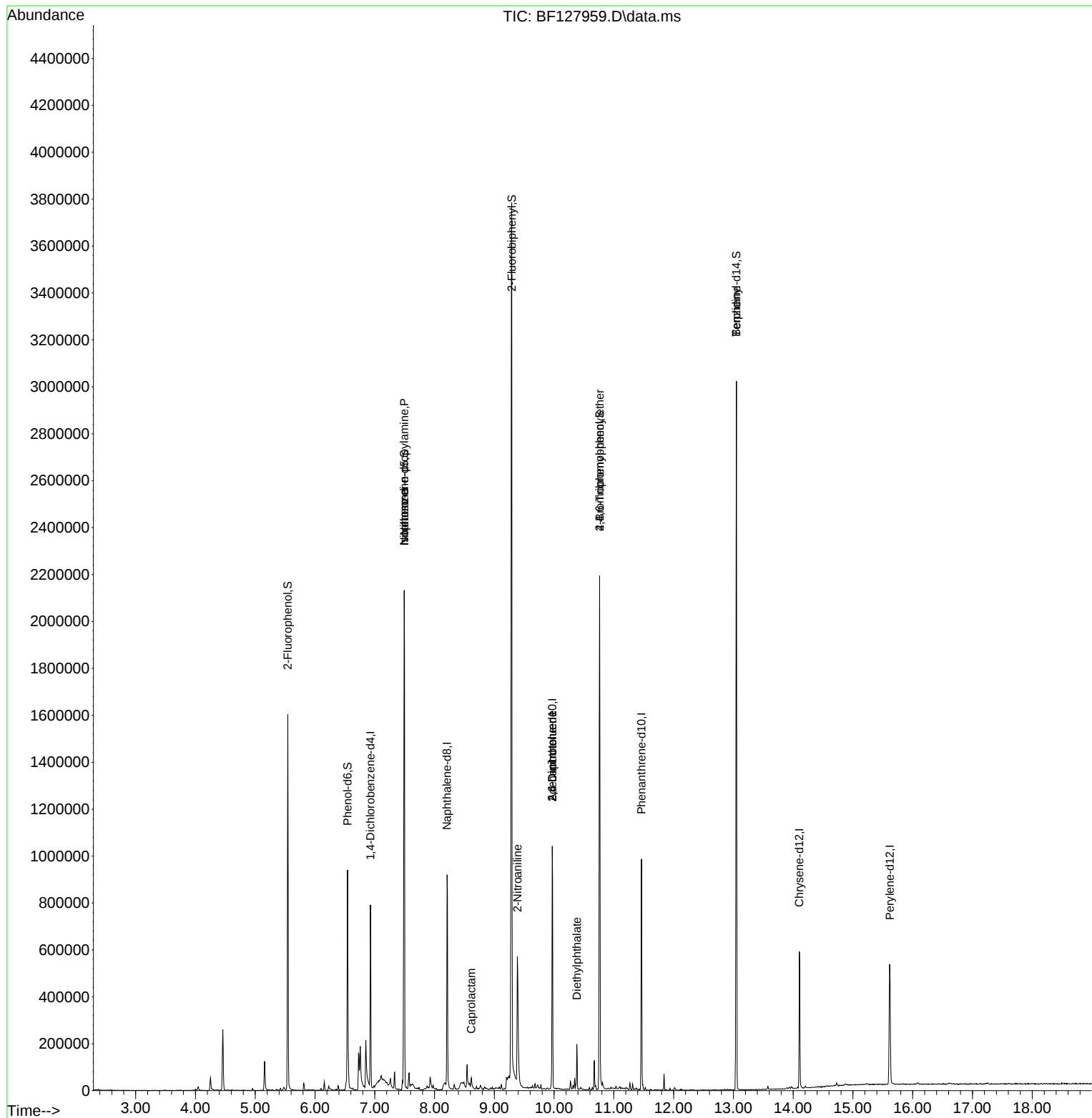
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	104230	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	396038	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	214264	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	339337	20.000	ng	0.00
76) Chrysene-d12	14.104	240	204180	20.000	ng	#-0.01
86) Perylene-d12	15.615	264	245535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	376588	57.548	ng	0.00
7) Phenol-d6	6.545	99	297972	35.092	ng	-0.02
23) Nitrobenzene-d5	7.492	82	779086	92.506	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	247063	114.544	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1201779	94.888	ng	0.00
79) Terphenyl-d14	13.051	244	995307	89.136	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	106321	20.455	ng	# 81
25) Isophorone	7.492	82	776626	54.789	ng	# 68
35) Caprolactam	8.616	113	4566	2.351	ng	# 86
48) 2-Nitroaniline	9.386	65	13244	3.240	ng	# 18
51) 2,6-Dinitrotoluene	9.969	165	27158	8.729	ng	# 21
57) 2,4-Dinitrotoluene	9.969	165	27158	6.590	ng	# 25
60) Diethylphthalate	10.380	149	58171	4.128	ng	99
67) 4-Bromophenyl-phenylether	10.763	248	15504	4.121	ng	# 1
77) Benzidine	13.051	184	14270	3.694	ng	# 95

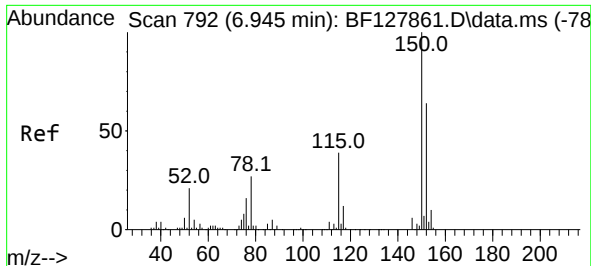
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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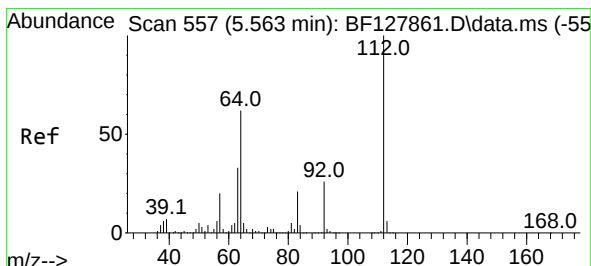
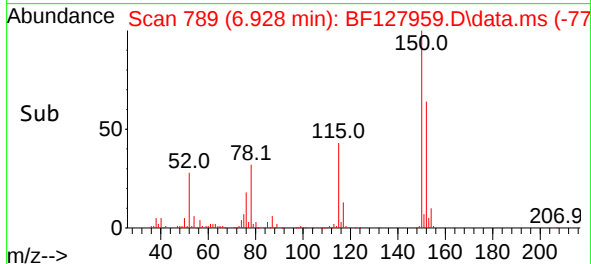
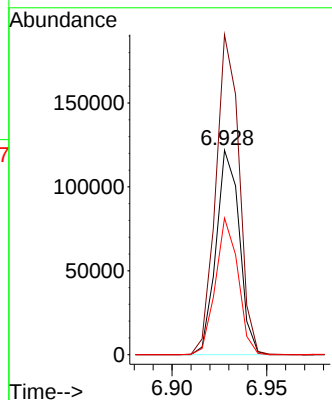
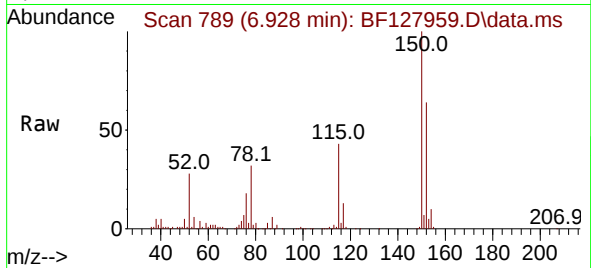




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127959.D
 Acq: 27 Apr 2022 21:50

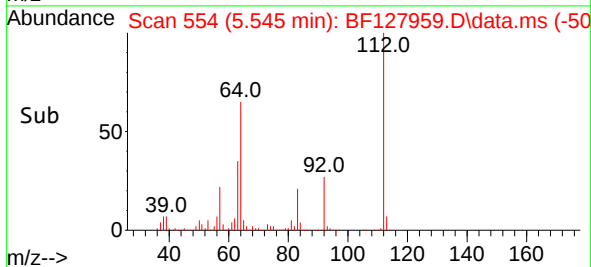
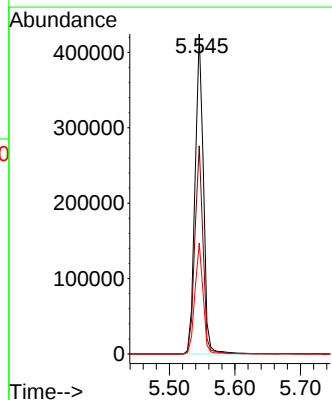
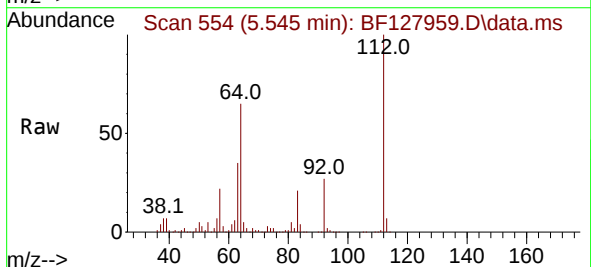
Instrument :
 BNA_F
 ClientSampleId :
 MW-19

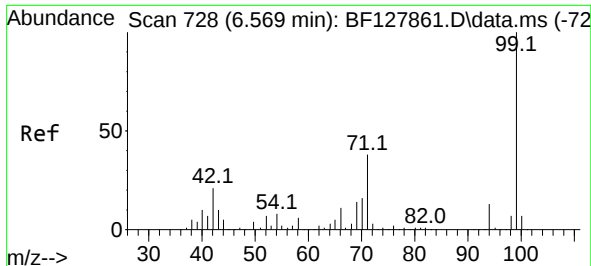
Tgt Ion:152 Resp: 104230
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.3 187.9
 115 66.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 57.548 ng
 RT: 5.545 min Scan# 554
 Delta R.T. -0.006 min
 Lab File: BF127959.D
 Acq: 27 Apr 2022 21:50

Tgt Ion:112 Resp: 376588
 Ion Ratio Lower Upper
 112 100
 64 65.0 49.5 74.3
 63 34.7 26.3 39.5

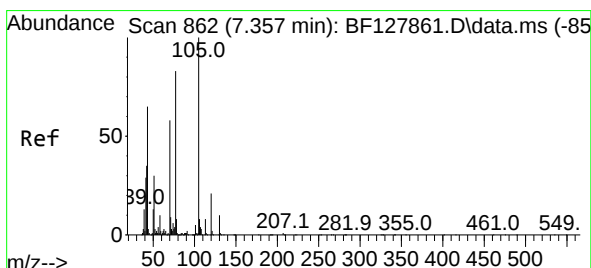
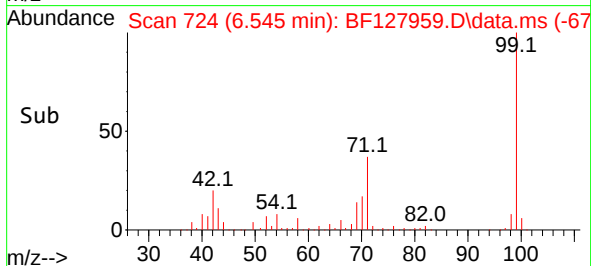
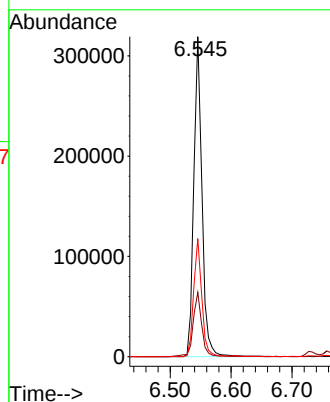
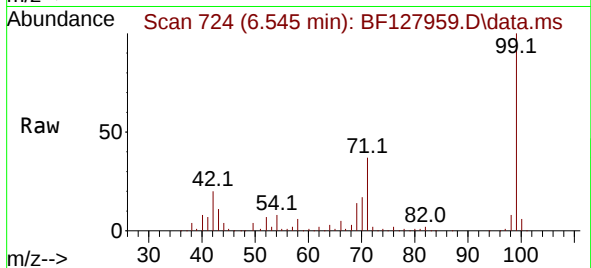




#7
Phenol-d6
Concen: 35.092 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

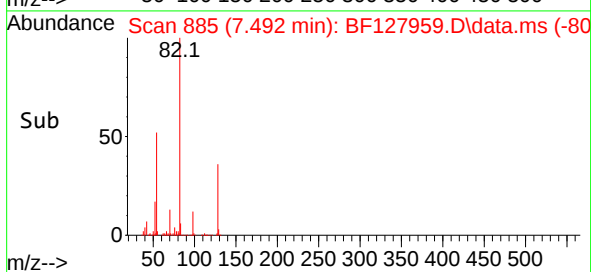
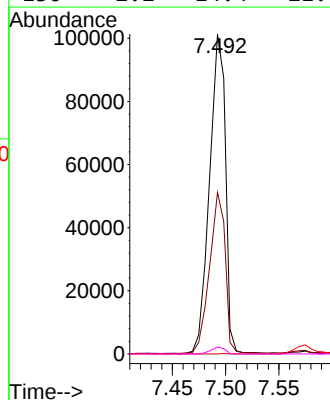
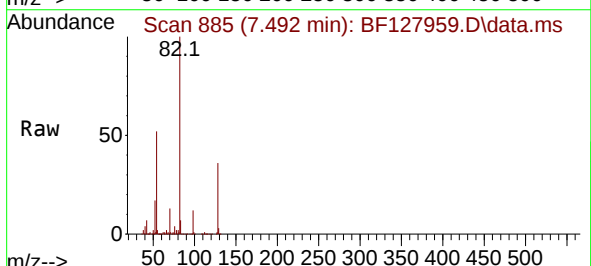
Instrument :
BNA_F
ClientSampleId :
MW-19

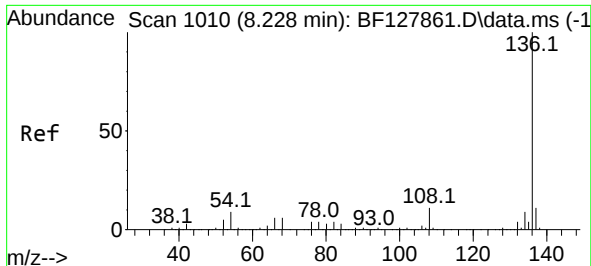
Tgt Ion: 99 Resp: 297972
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 36.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.455 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

Tgt Ion: 70 Resp: 106321
Ion Ratio Lower Upper
70 100
42 50.5 48.7 73.1
101 0.0 7.2 10.8#
130 2.2 14.4 21.6#

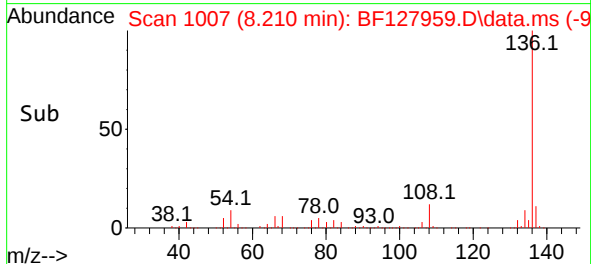
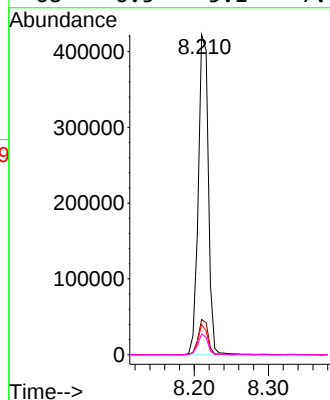
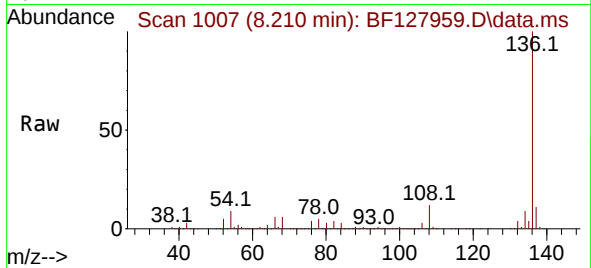




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

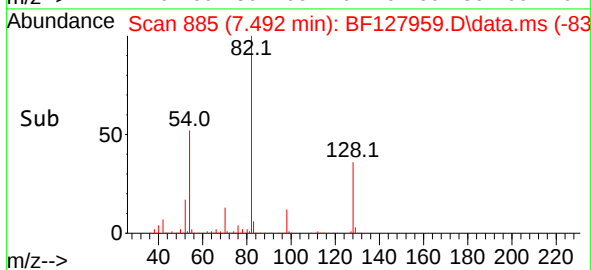
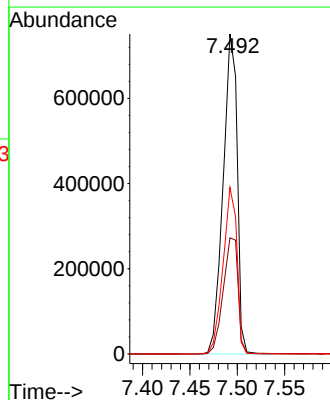
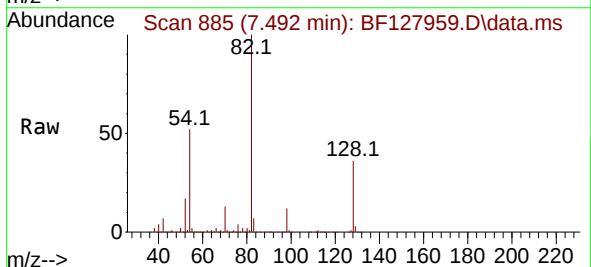
Instrument :
BNA_F
ClientSampleId :
MW-19

Tgt Ion:136	Resp: 396038
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 9.5	6.8 10.2
68 6.5	5.1 7.7



#23
Nitrobenzene-d5
Concen: 92.506 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

Tgt Ion: 82	Resp: 779086
Ion Ratio	Lower Upper
82 100	
128 36.3	30.0 45.0
54 52.0	41.3 61.9

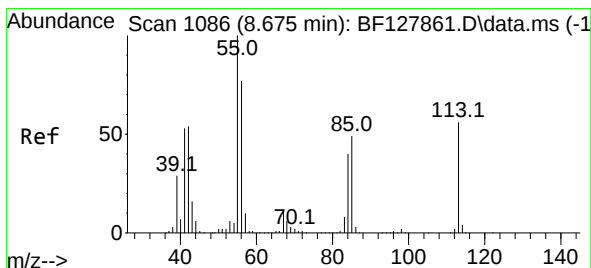
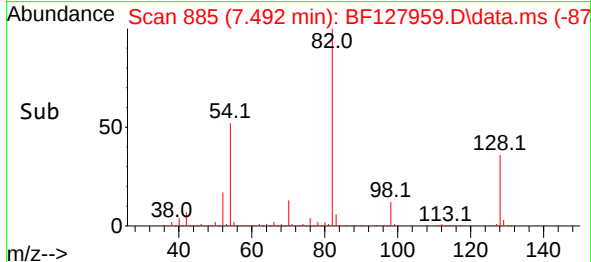
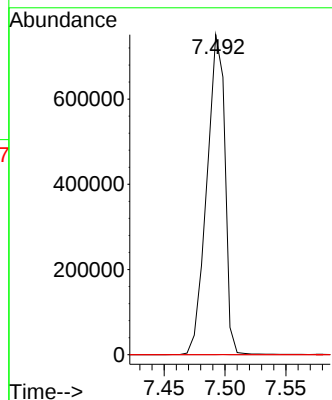
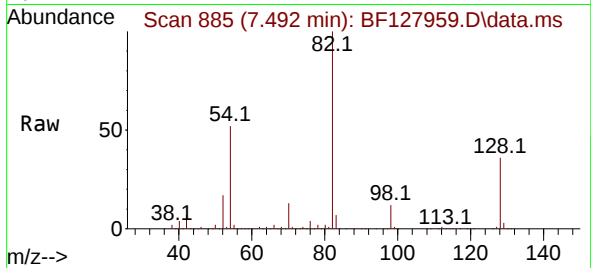




#25
Isophorone
Concen: 54.789 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

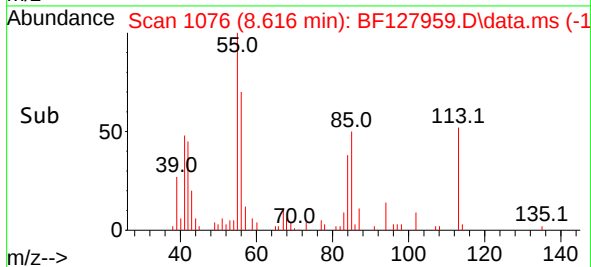
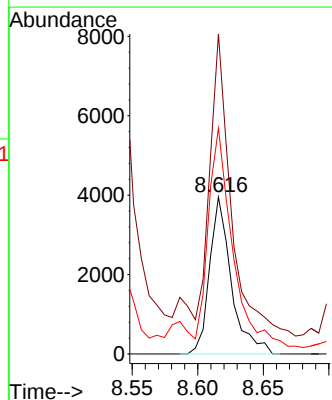
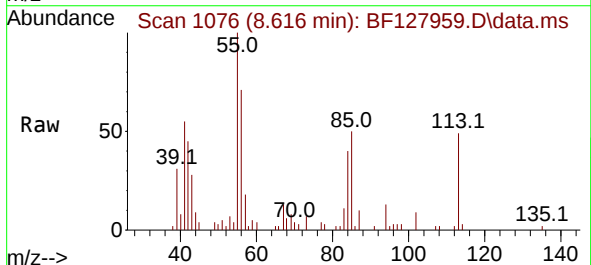
Instrument :
BNA_F
ClientSampleId :
MW-19

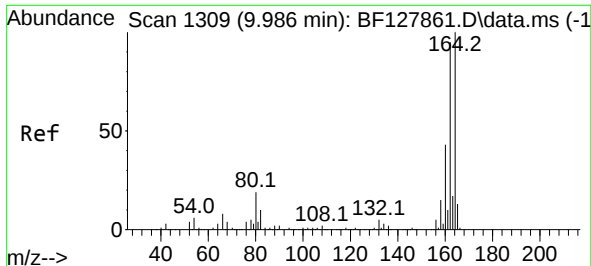
Tgt Ion: 82 Resp: 776626
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#35
Caprolactam
Concen: 2.351 ng
RT: 8.616 min Scan# 1076
Delta R.T. -0.053 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

Tgt Ion: 113 Resp: 4566
Ion Ratio Lower Upper
113 100
55 203.9 157.4 197.4#
56 144.0 116.1 156.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127959.D

Acq: 27 Apr 2022 21:50

Instrument :

BNA_F

ClientSampleId :

MW-19

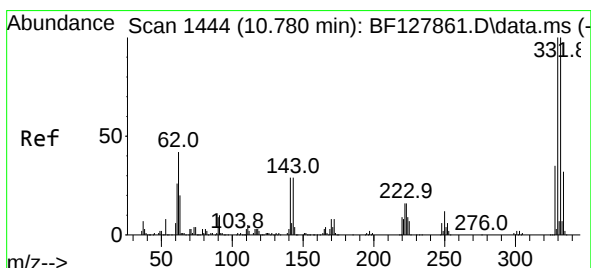
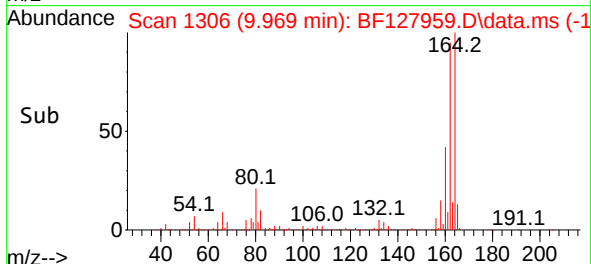
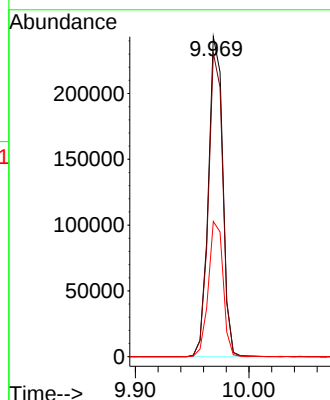
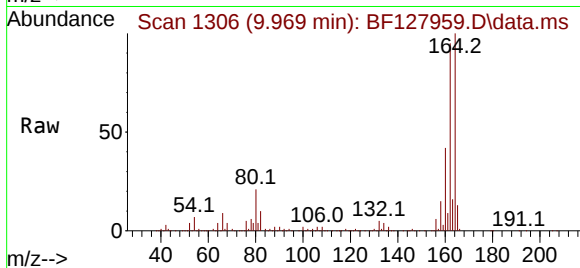
Tgt Ion:164 Resp: 214264

Ion Ratio Lower Upper

164 100

162 95.0 76.0 114.0

160 42.3 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 114.544 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF127959.D

Acq: 27 Apr 2022 21:50

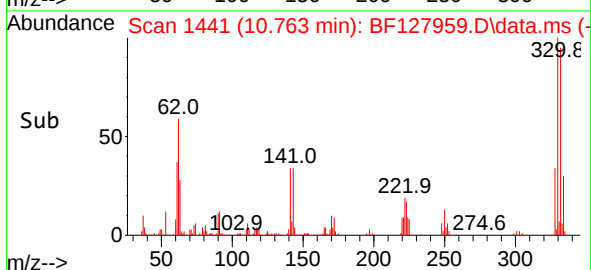
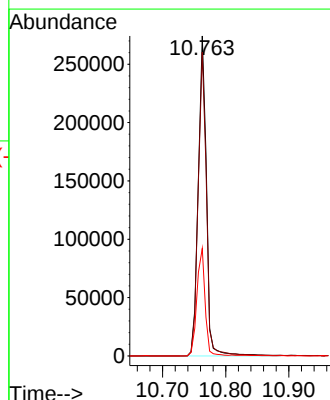
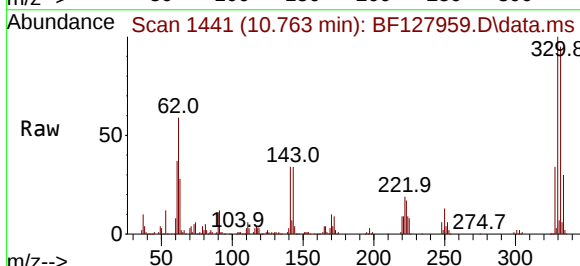
Tgt Ion:330 Resp: 247063

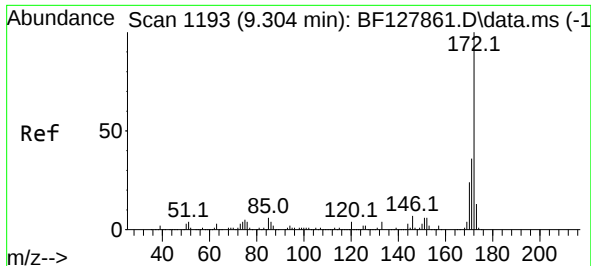
Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 33.5 28.9 43.3

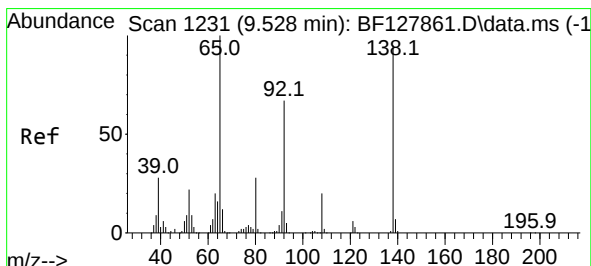
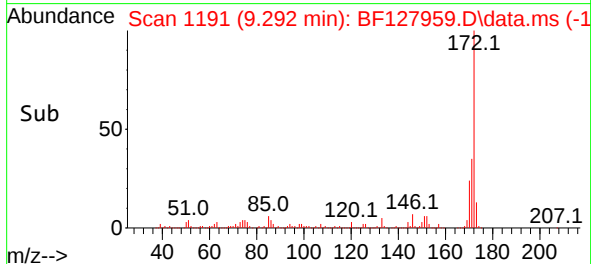
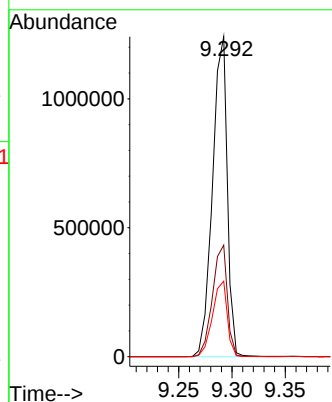
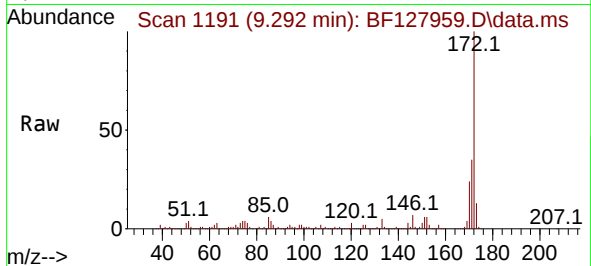




#45
2-Fluorobiphenyl
Concen: 94.888 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

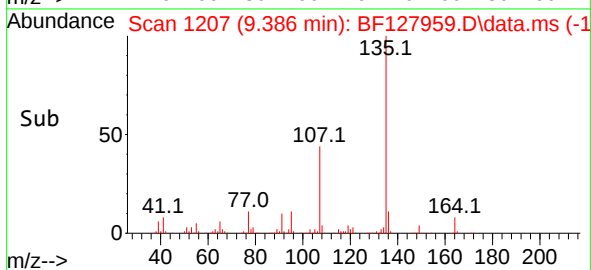
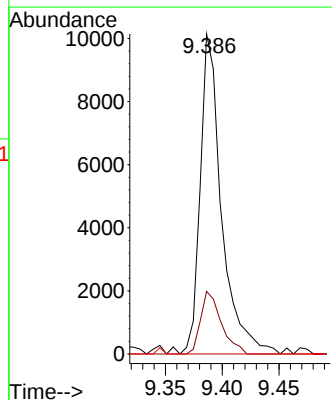
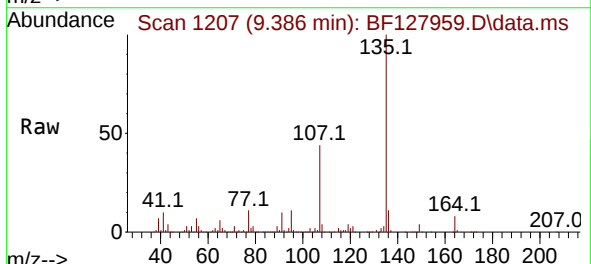
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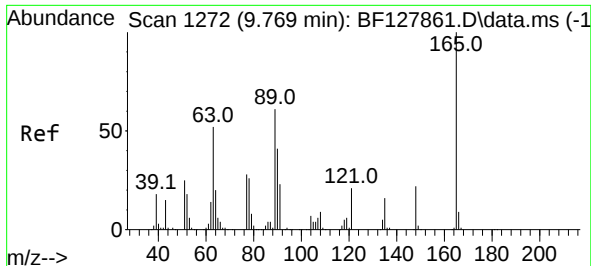
Tgt Ion:172 Resp: 1201779
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.6 19.1 28.7



#48
2-Nitroaniline
Concen: 3.240 ng
RT: 9.386 min Scan# 1207
Delta R.T. -0.135 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

Tgt Ion: 65 Resp: 13244
Ion Ratio Lower Upper
65 100
92 19.6 53.7 80.5#
138 0.0 76.4 114.6#

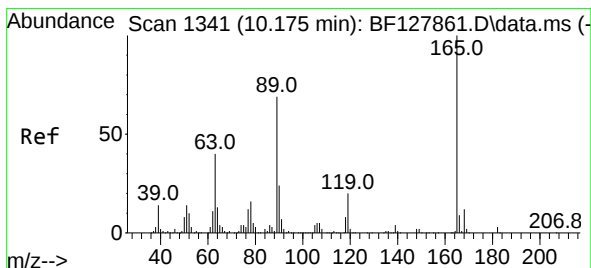
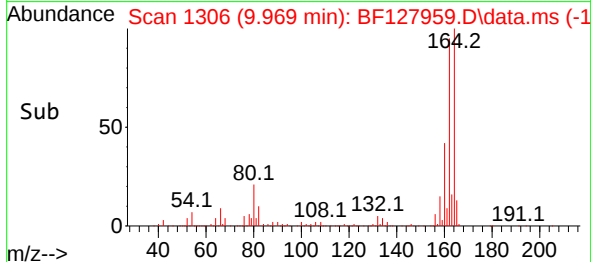
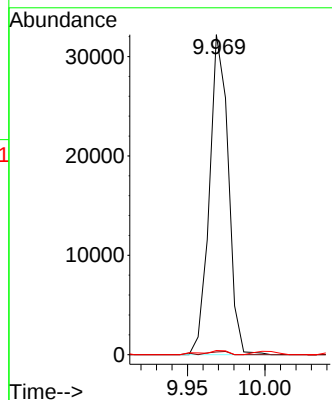
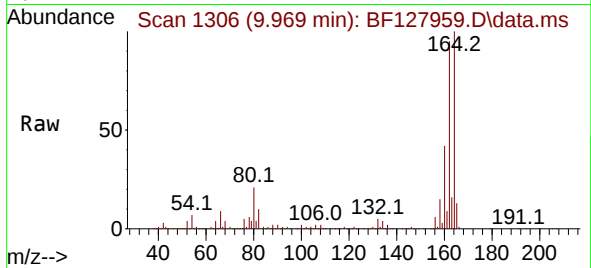




#51
2,6-Dinitrotoluene
Concen: 8.729 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

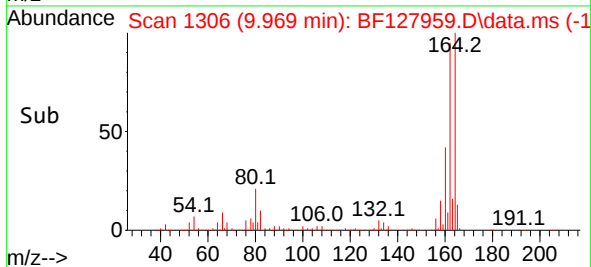
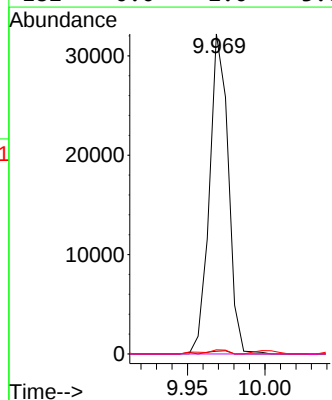
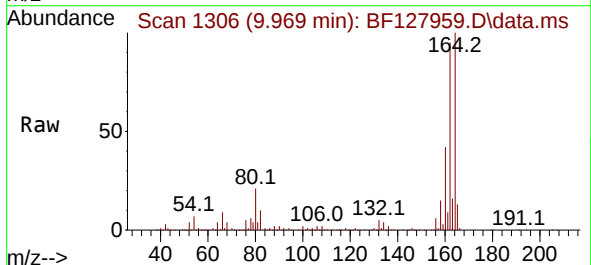
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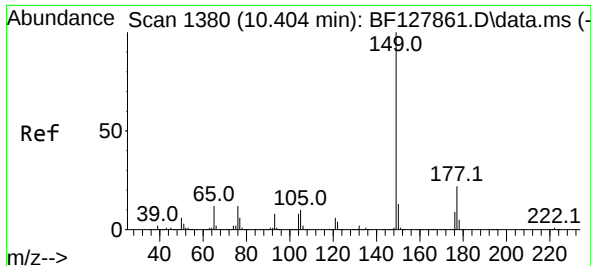
Tgt Ion:165 Resp: 27158
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.590 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

Tgt Ion:165 Resp: 27158
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

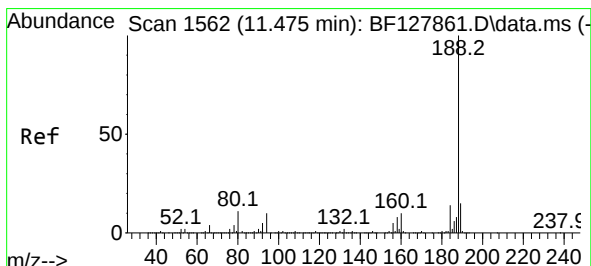
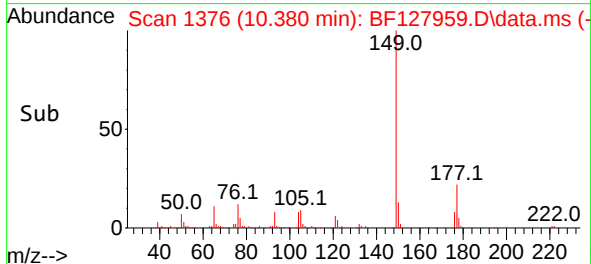
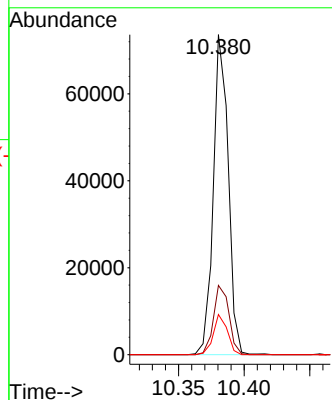
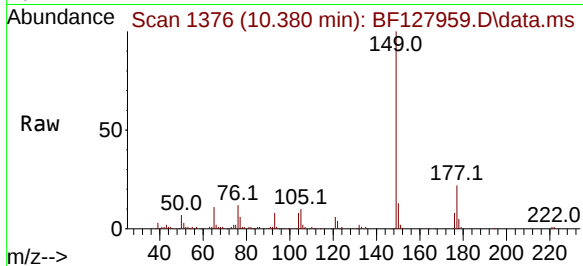




#60
Diethylphthalate
Concen: 4.128 ng
RT: 10.380 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

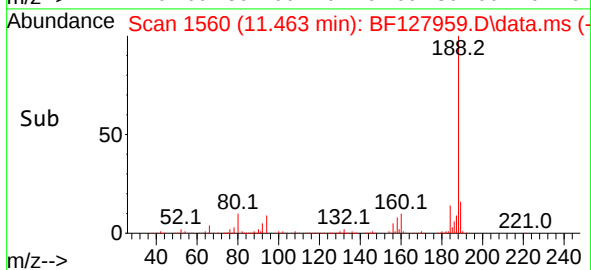
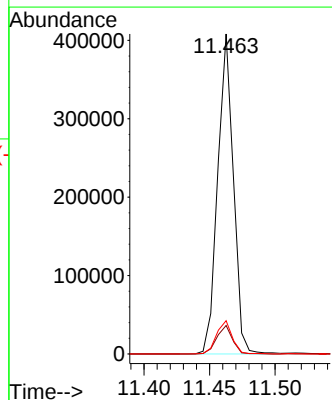
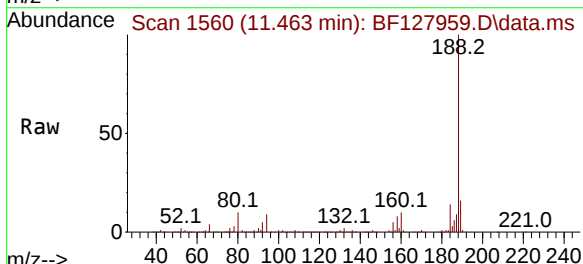
Instrument :
BNA_F
ClientSampleId :
MW-19

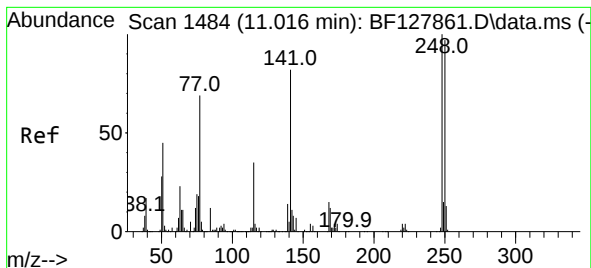
Tgt Ion:149 Resp: 58171
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.5 10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

Tgt Ion:188 Resp: 339337
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 10.4 8.9 13.3

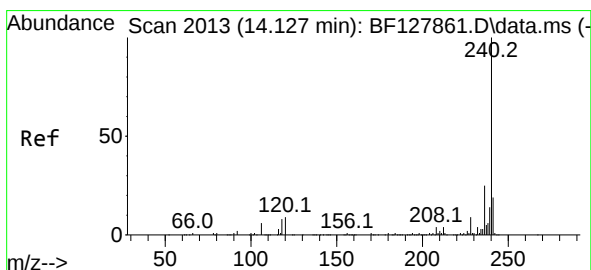
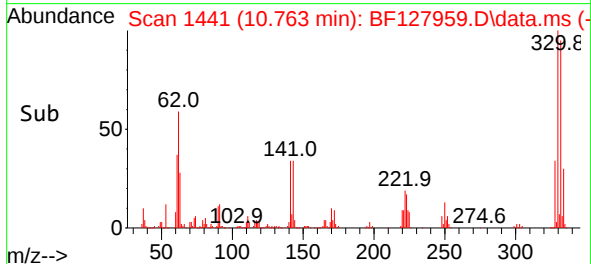
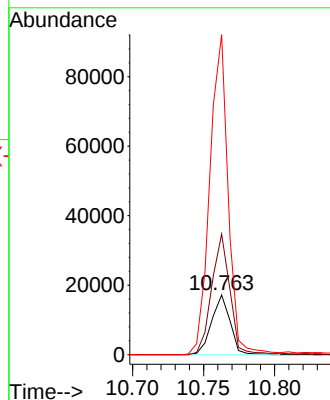
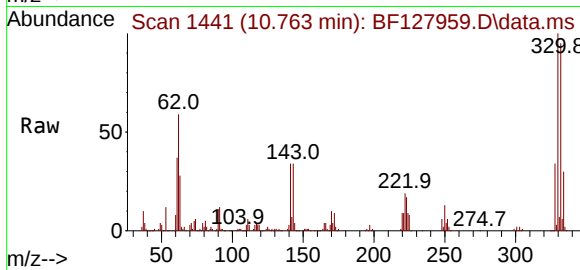




#67
4-Bromophenyl-phenylether
Concen: 4.121 ng
RT: 10.763 min Scan# 1484
Delta R.T. -0.247 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

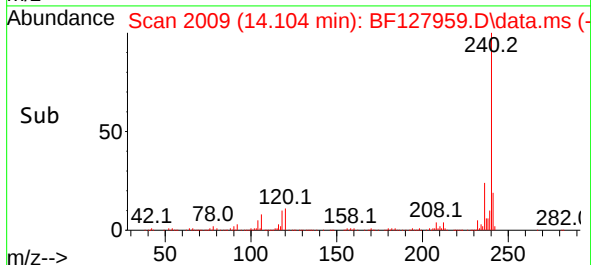
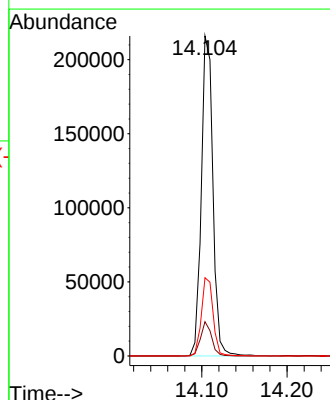
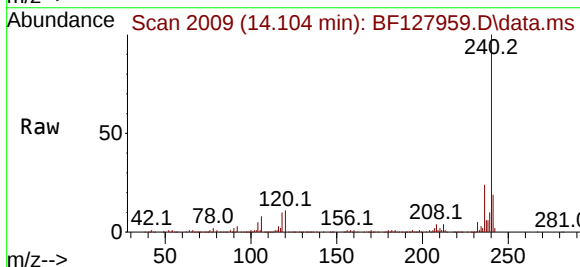
Instrument :
BNA_F
ClientSampleId :
MW-19

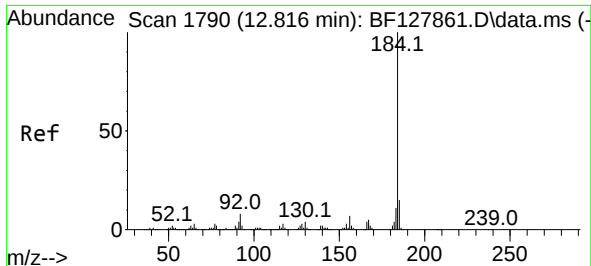
Tgt Ion:248 Resp: 15504
Ion Ratio Lower Upper
248 100
250 202.0 77.7 116.5#
141 535.5 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

Tgt Ion:240 Resp: 204180
Ion Ratio Lower Upper
240 100
120 10.7 7.0 10.6#
236 24.4 20.3 30.5

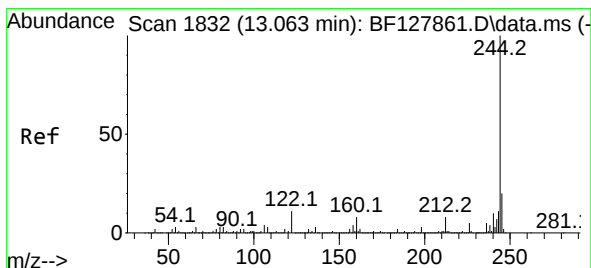
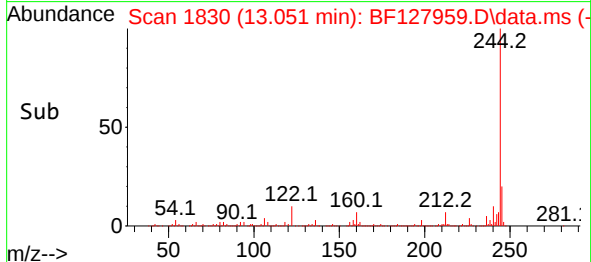
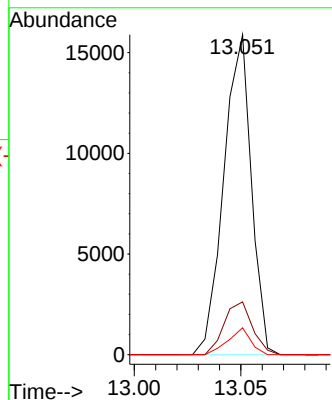
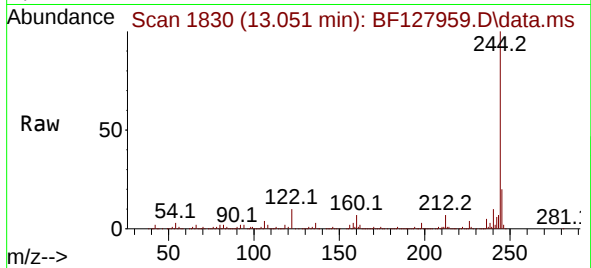




#77
Benzidine
Concen: 3.694 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

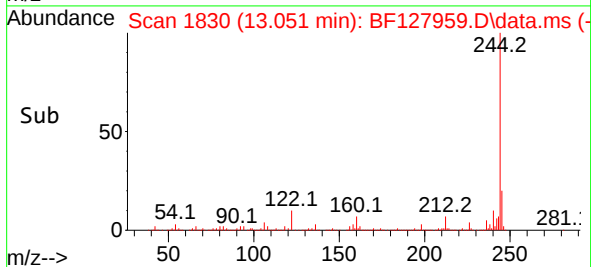
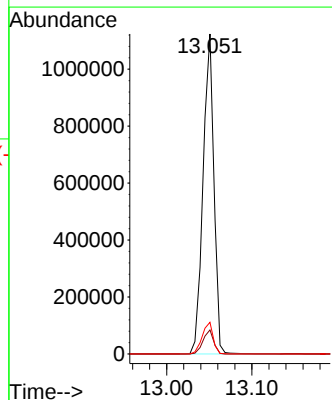
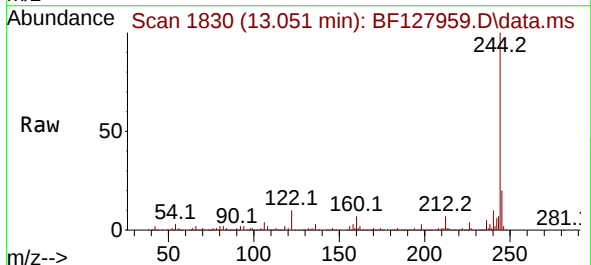
Instrument :
BNA_F
ClientSampleId :
MW-19

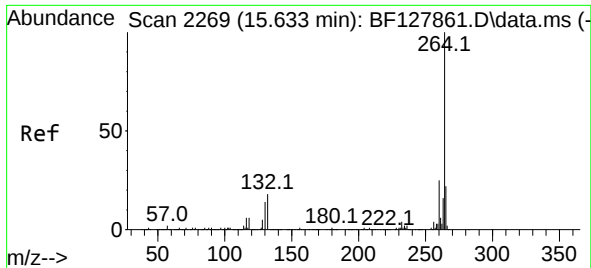
Tgt Ion:184 Resp: 14270
Ion Ratio Lower Upper
184 100
185 16.5 12.1 18.1
183 8.4 9.0 13.4#



#79
Terphenyl-d14
Concen: 89.136 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

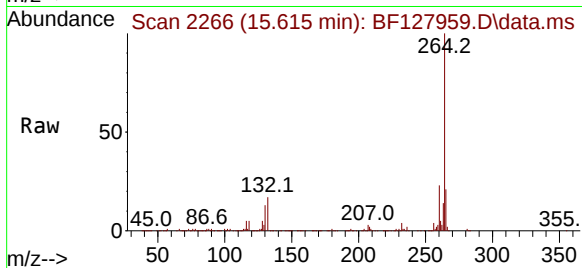
Tgt Ion:244 Resp: 995307
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 9.9 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127959.D
Acq: 27 Apr 2022 21:50

Instrument :
BNA_F
ClientSampleId :
MW-19



Tgt Ion:264 Resp: 245535
Ion Ratio Lower Upper
264 100
260 22.9 20.1 30.1
265 21.2 17.5 26.3

