

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127978.D
 Acq On : 28 Apr 2022 13:55
 Operator : CG\JU
 Sample : N2481-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16SR

Quant Time: Apr 28 17:24:06 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)

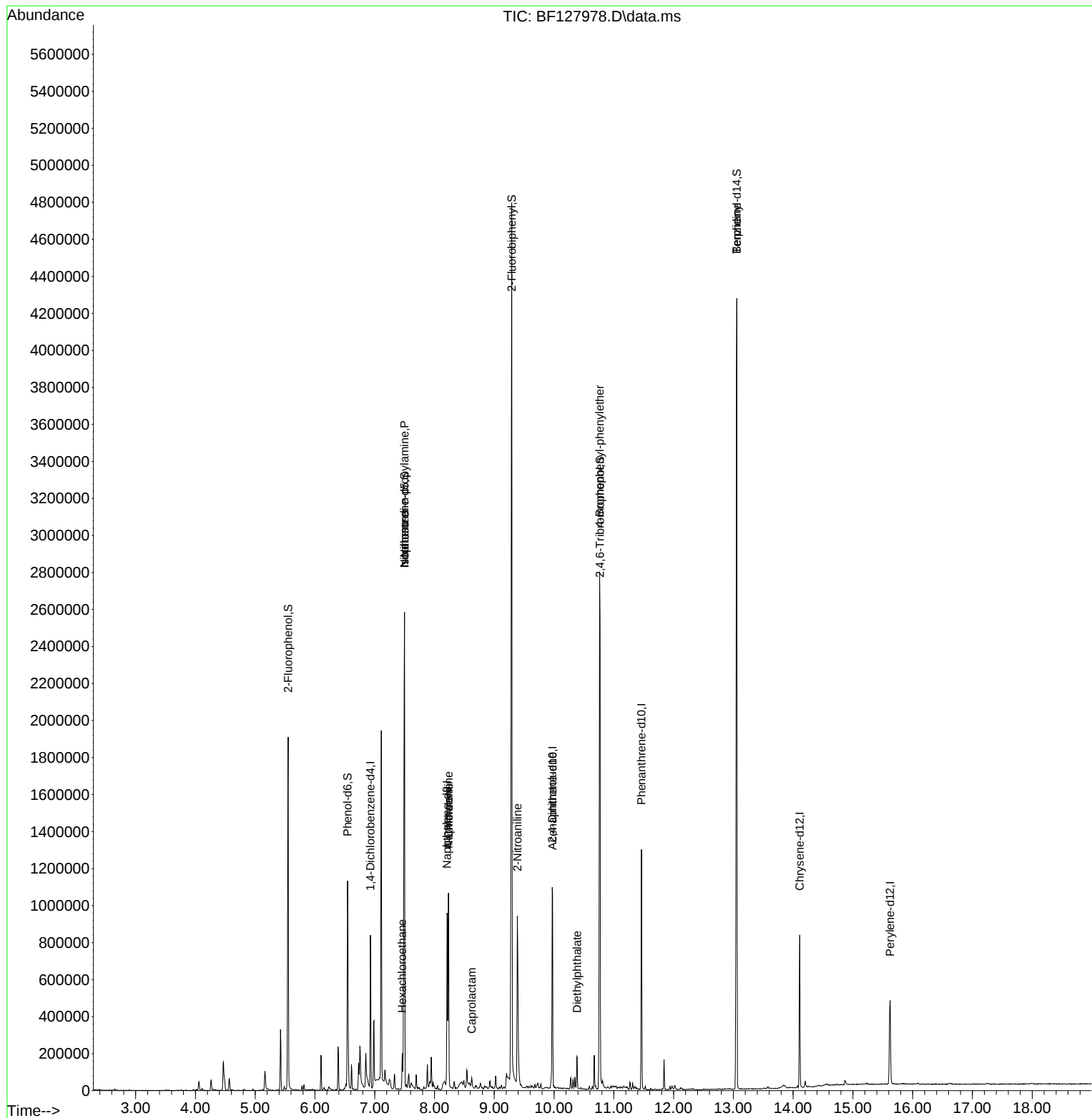
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	108626	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	419107	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	239904	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	435704	20.000	ng	0.00
76) Chrysene-d12	14.110	240	277982	20.000	ng	0.00
86) Perylene-d12	15.621	264	219680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	471472	69.132	ng	0.00
7) Phenol-d6	6.546	99	386259	43.649	ng	-0.02
23) Nitrobenzene-d5	7.498	82	935507	104.965	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	365558	151.367	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1464500	103.273	ng	0.00
79) Terphenyl-d14	13.057	244	1591546	104.692	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.457	117	14159	4.736	ng	# 1
19) n-Nitroso-di-n-propyla...	7.498	70	128382	23.700	ng	# 80
25) Isophorone	7.498	82	931850	62.121	ng	# 68
31) Naphthalene	8.234	128	411962	19.299	ng	# 99
33) 4-Chloroaniline	8.234	127	53342	6.316	ng	# 33
35) Caprolactam	8.622	113	6445	3.135	ng	# 81
48) 2-Nitroaniline	9.387	65	21354	4.666	ng	# 17
57) 2,4-Dinitrotoluene	9.969	165	31057	6.731	ng	# 27
60) Diethylphthalate	10.386	149	59995	3.803	ng	# 99
67) 4-Bromophenyl-phenylether	10.763	248	22736	4.707	ng	# 1
77) Benzidine	13.057	184	23831	4.531	ng	# 93

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

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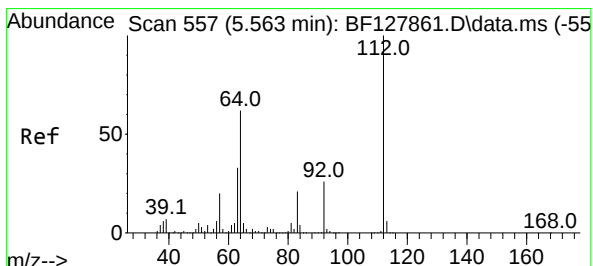
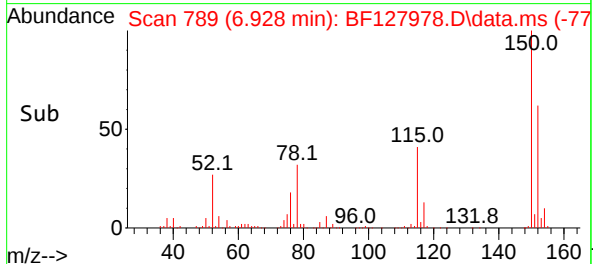
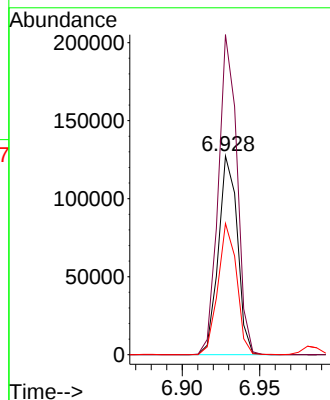
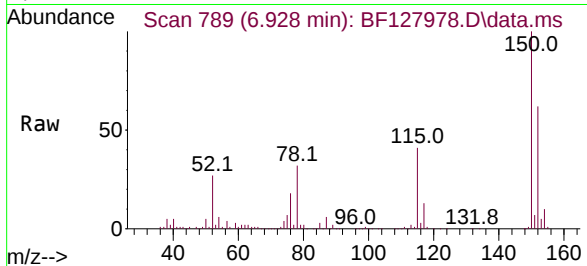




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

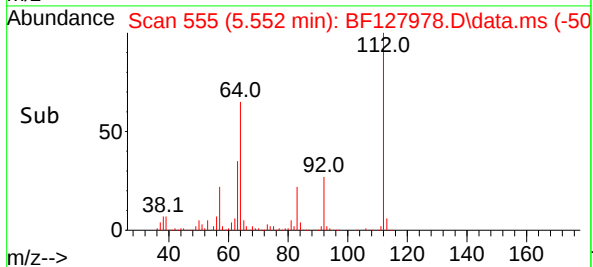
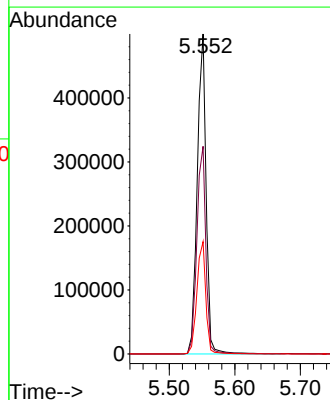
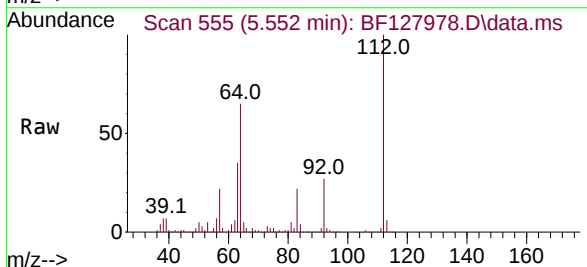
Instrument :
BNA_F
ClientSampleId :
MW-16SR

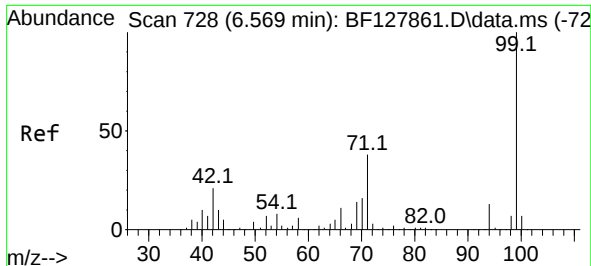
Tgt Ion:152 Resp: 108626
Ion Ratio Lower Upper
152 100
150 161.0 125.3 187.9
115 66.0 48.8 73.2



#5
2-Fluorophenol
Concen: 69.132 ng
RT: 5.552 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

Tgt Ion:112 Resp: 471472
Ion Ratio Lower Upper
112 100
64 64.9 49.5 74.3
63 35.1 26.3 39.5

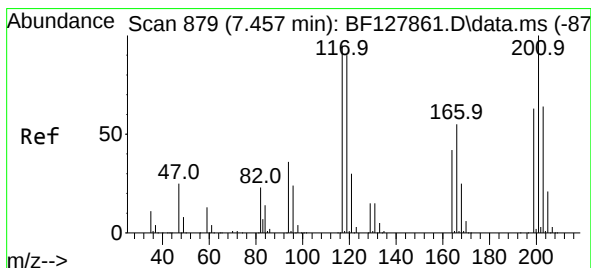
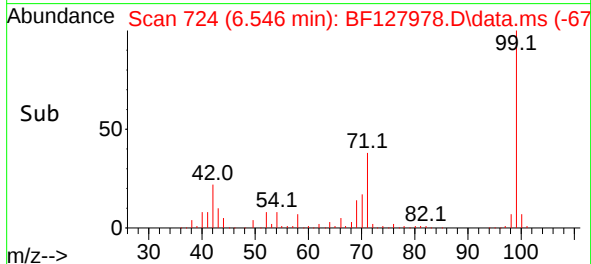
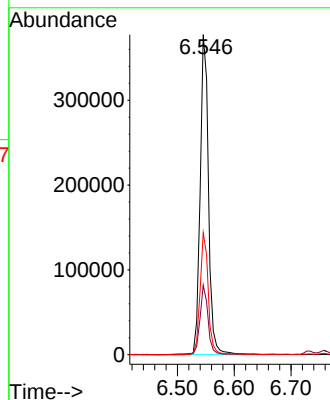
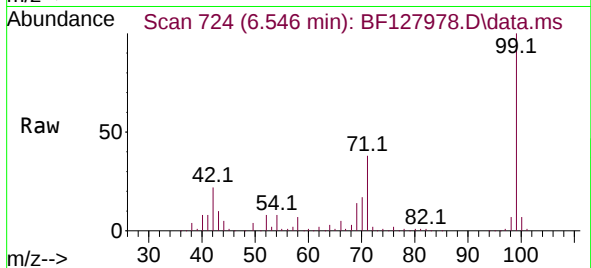




#7
Phenol-d6
Concen: 43.649 ng
RT: 6.546 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

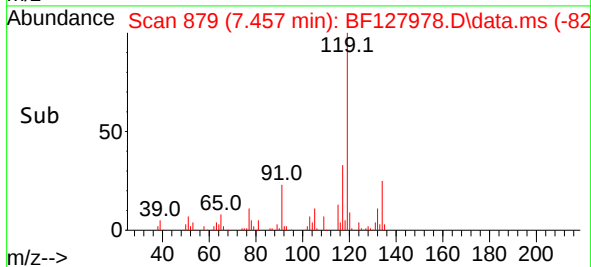
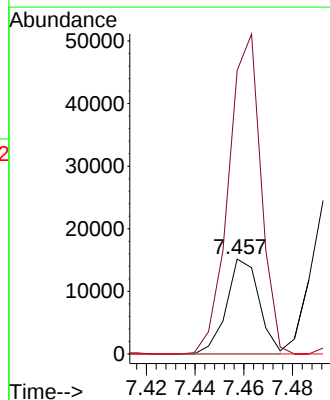
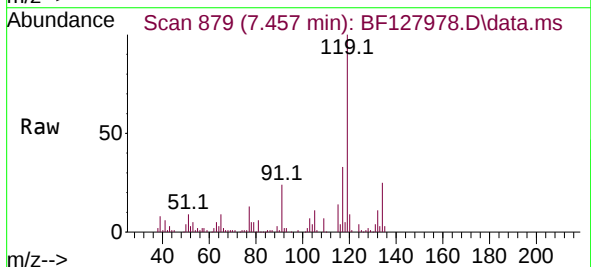
Instrument :
BNA_F
ClientSampleId :
MW-16SR

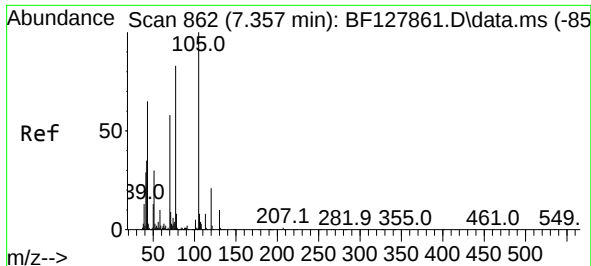
Tgt Ion: 99 Resp: 386259
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 38.1 30.0 45.0



#18
Hexachloroethane
Concen: 4.736 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.012 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

Tgt Ion: 117 Resp: 14159
Ion Ratio Lower Upper
117 100
119 298.7 76.2 114.4#
201 0.0 84.4 126.6#

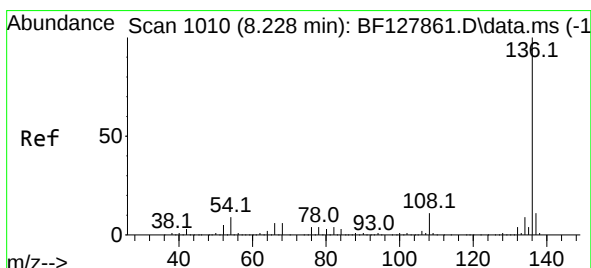
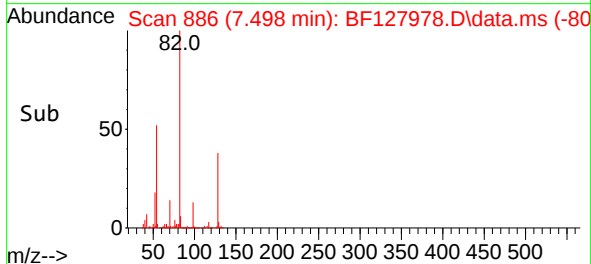
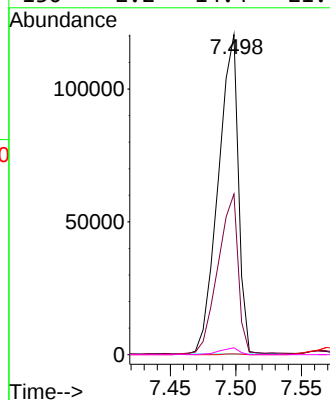
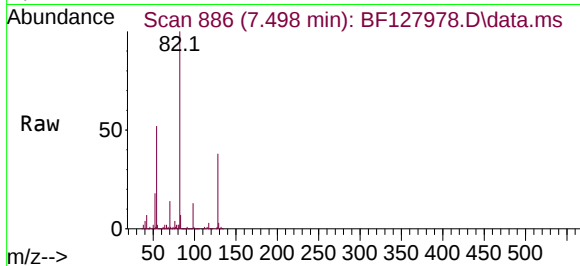




#19
n-Nitroso-di-n-propylamine
Concen: 23.700 ng
RT: 7.498 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

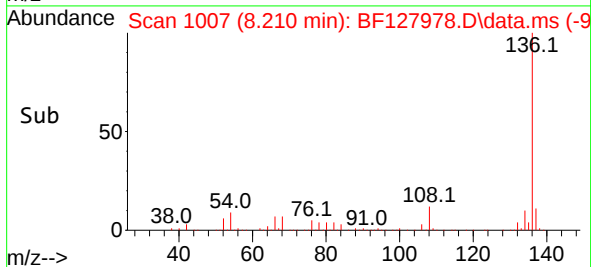
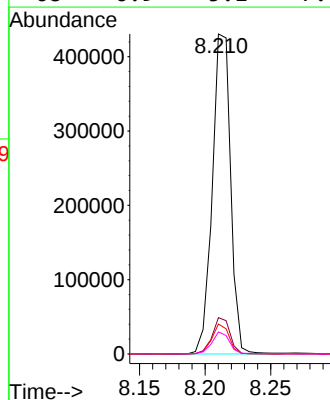
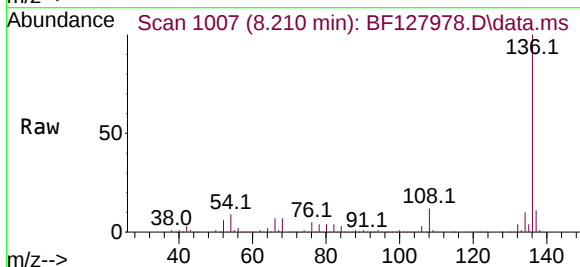
Instrument :
BNA_F
ClientSampleId :
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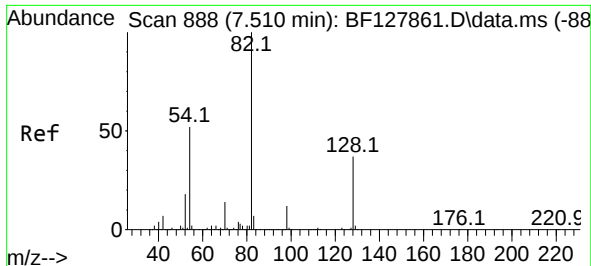
Tgt Ion: 70 Resp: 128382
Ion Ratio Lower Upper
70 100
42 50.2 48.7 73.1
101 0.2 7.2 10.8#
130 2.2 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

Tgt Ion: 136 Resp: 419107
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.4 6.8 10.2
68 6.9 5.1 7.7

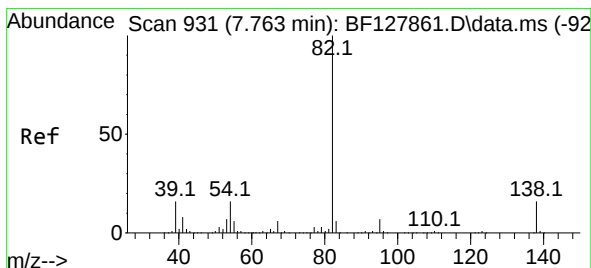
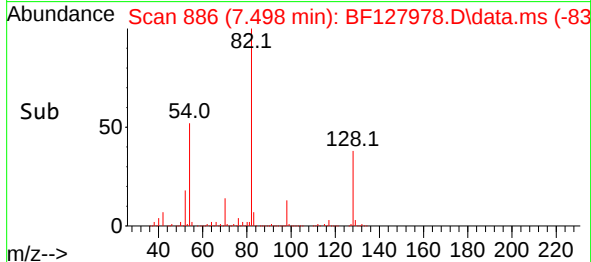
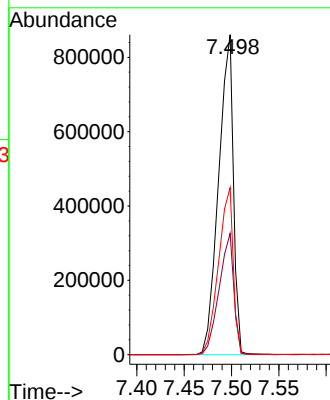
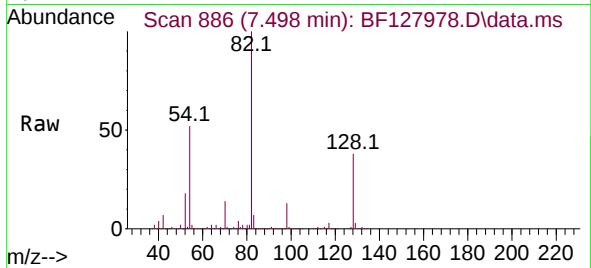




#23
Nitrobenzene-d5
Concen: 104.965 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

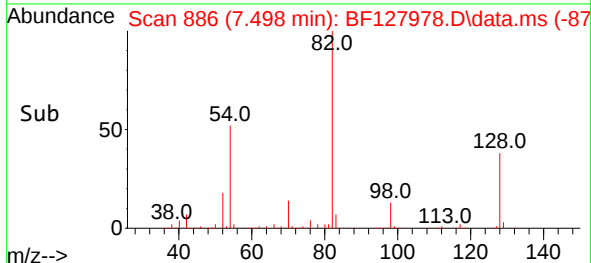
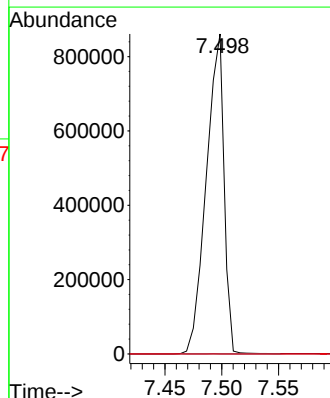
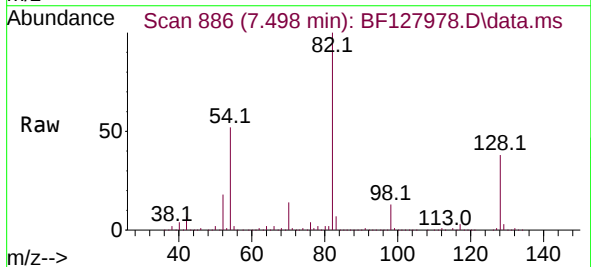
Instrument :
BNA_F
ClientSampleId :
MW-16SR

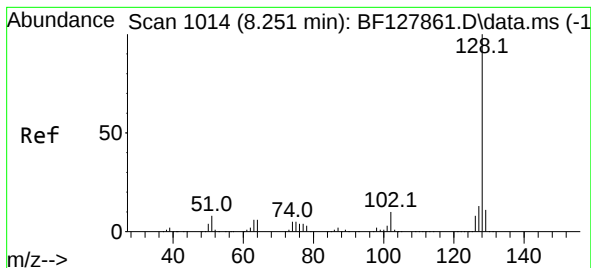
Tgt Ion: 82 Resp: 935507
Ion Ratio Lower Upper
82 100
128 37.9 30.0 45.0
54 52.2 41.3 61.9



#25
Isophorone
Concen: 62.121 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.259 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

Tgt Ion: 82 Resp: 931850
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#





#31

Naphthalene

Concen: 19.299 ng

RT: 8.234 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BF127978.D

Acq: 28 Apr 2022 13:55

Instrument :

BNA_F

ClientSampleId :

MW-16SR

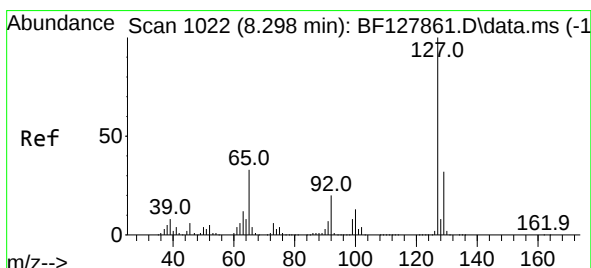
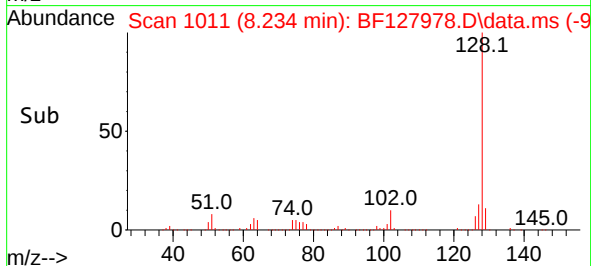
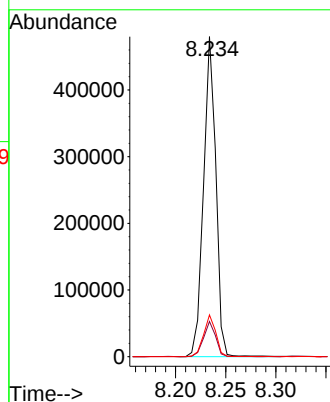
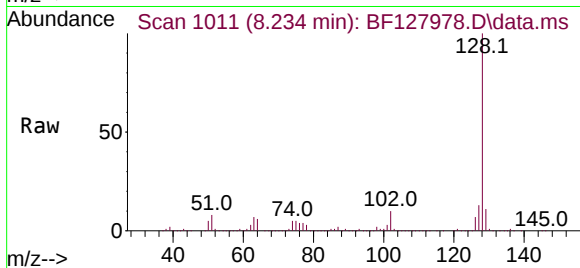
Tgt Ion:128 Resp: 411962

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.0 10.6 16.0



#33

4-Chloroaniline

Concen: 6.316 ng

RT: 8.234 min Scan# 1011

Delta R.T. -0.053 min

Lab File: BF127978.D

Acq: 28 Apr 2022 13:55

Tgt Ion:127 Resp: 53342

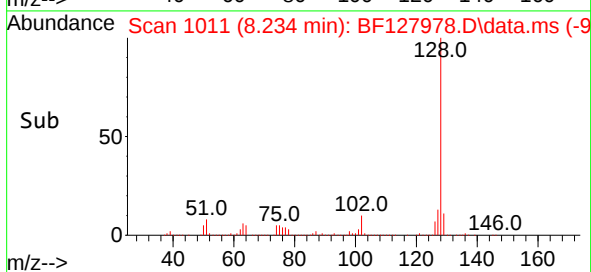
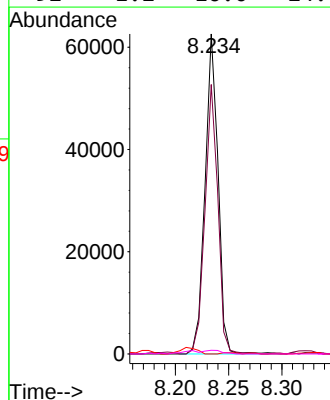
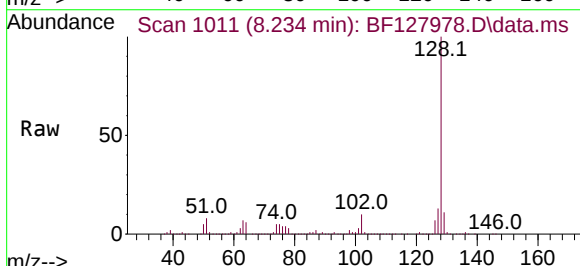
Ion Ratio Lower Upper

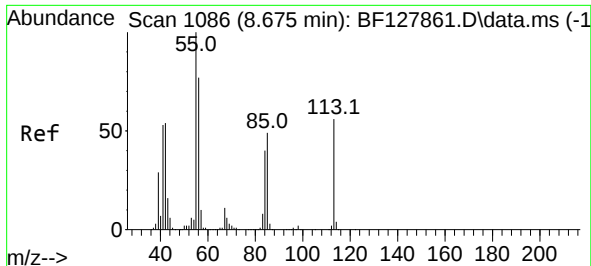
127 100

129 84.2 25.8 38.8#

65 0.0 26.7 40.1#

92 1.2 16.0 24.0#

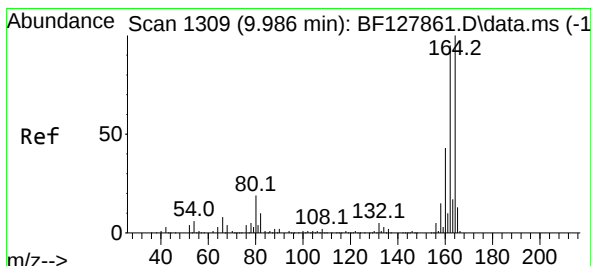
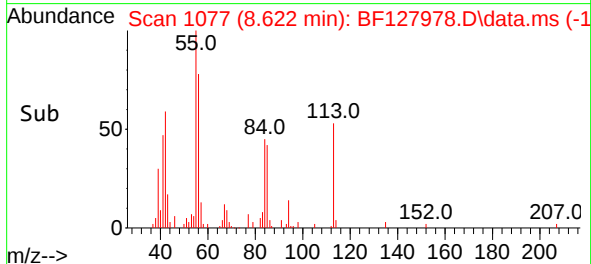
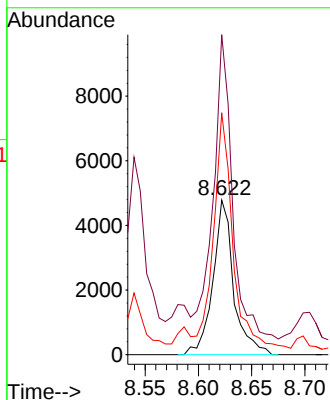
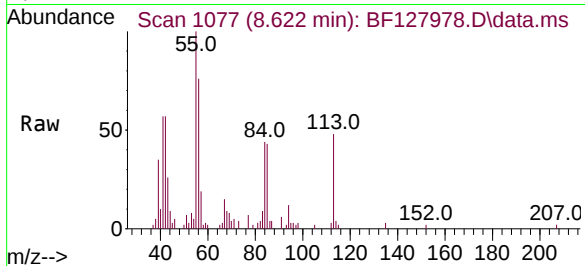




#35
 Caprolactam
 Concen: 3.135 ng
 RT: 8.622 min Scan# 1086
 Delta R.T. -0.047 min
 Lab File: BF127978.D
 Acq: 28 Apr 2022 13:55

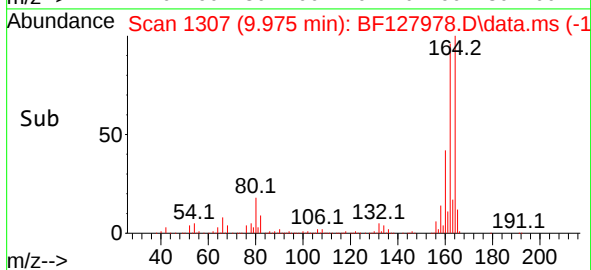
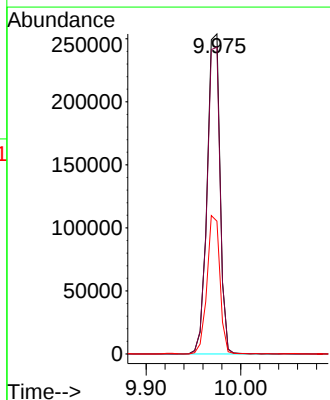
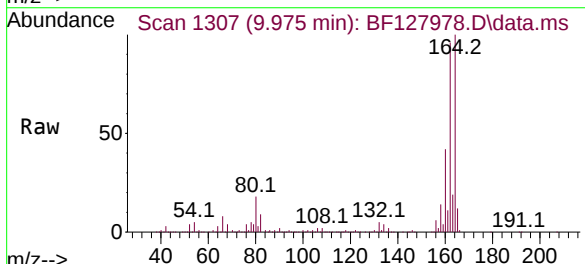
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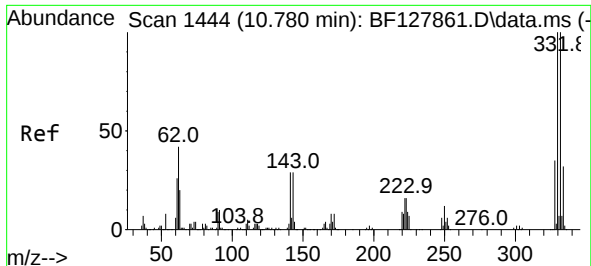
Tgt Ion:113 Resp: 6445
 Ion Ratio Lower Upper
 113 100
 55 207.1 157.4 197.4#
 56 156.5 116.1 156.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.975 min Scan# 1307
 Delta R.T. 0.000 min
 Lab File: BF127978.D
 Acq: 28 Apr 2022 13:55

Tgt Ion:164 Resp: 239904
 Ion Ratio Lower Upper
 164 100
 162 95.8 76.0 114.0
 160 41.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 151.367 ng

RT: 10.769 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF127978.D

Acq: 28 Apr 2022 13:55

Instrument :

BNA_F

ClientSampleId :

MW-16SR

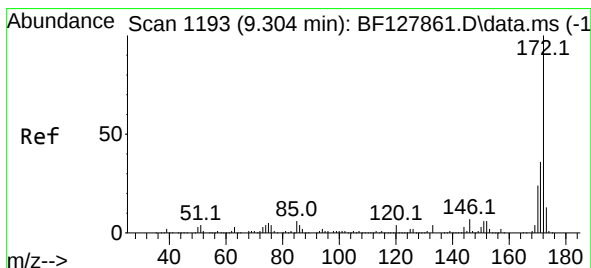
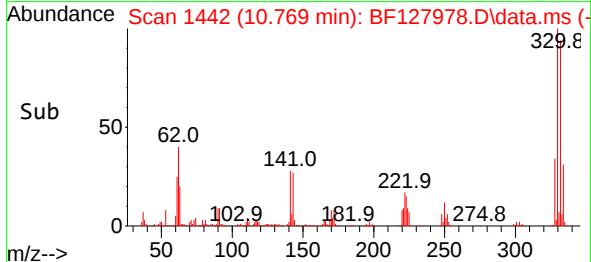
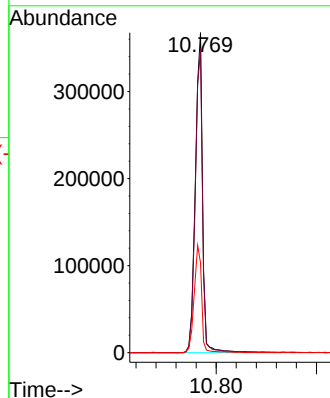
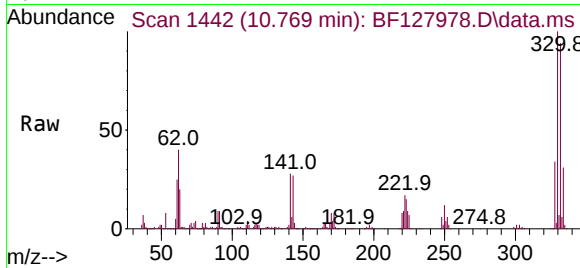
Tgt Ion:330 Resp: 365558

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 34.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 103.273 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127978.D

Acq: 28 Apr 2022 13:55

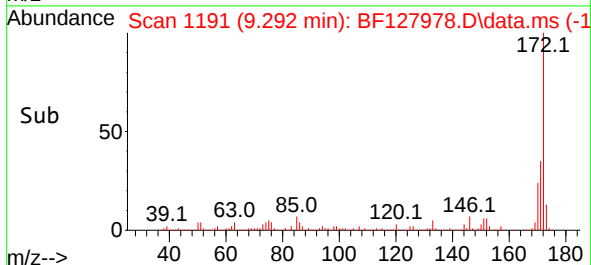
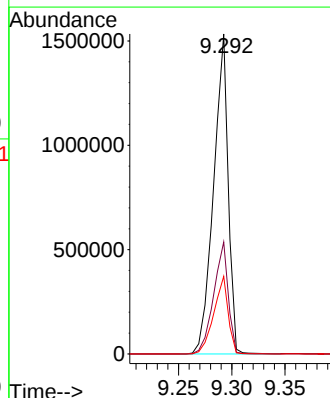
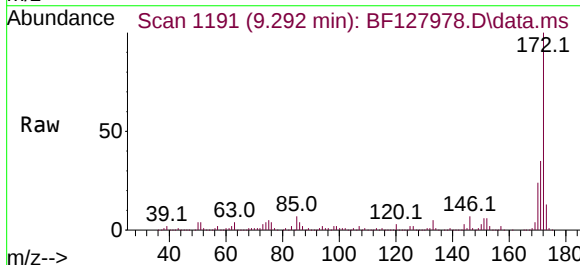
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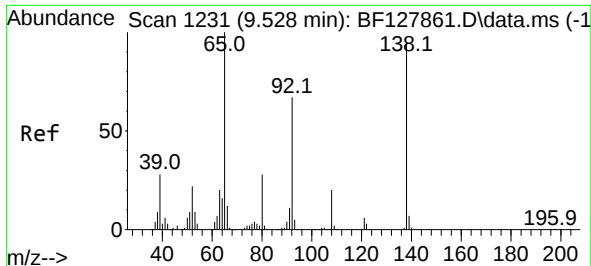
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 24.2 19.1 28.7





#48

2-Nitroaniline

Concen: 4.666 ng

RT: 9.387 min Scan# 11

Delta R.T. -0.135 min

Lab File: BF127978.D

Acq: 28 Apr 2022 13:55

Instrument :

BNA_F

ClientSampleId :

MW-16SR

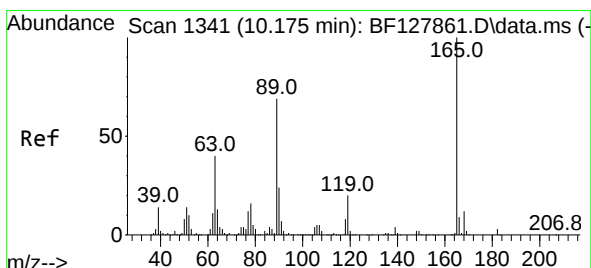
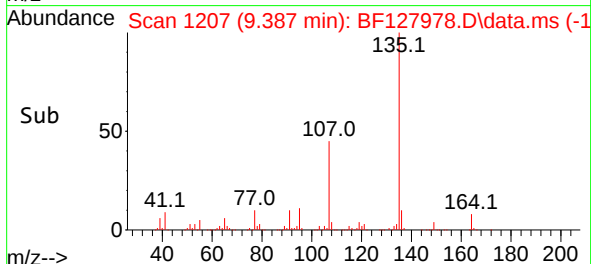
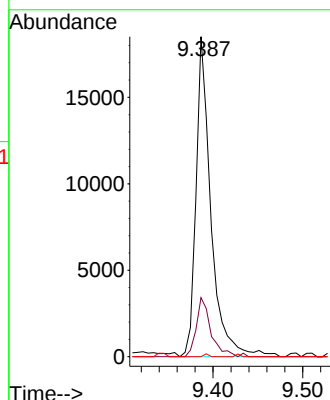
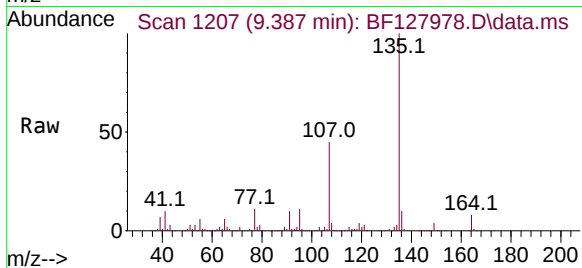
Tgt Ion: 65 Resp: 21354

Ion Ratio Lower Upper

65 100

92 18.4 53.7 80.5#

138 0.0 76.4 114.6#



#57

2,4-Dinitrotoluene

Concen: 6.731 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.194 min

Lab File: BF127978.D

Acq: 28 Apr 2022 13:55

Tgt Ion: 165 Resp: 31057

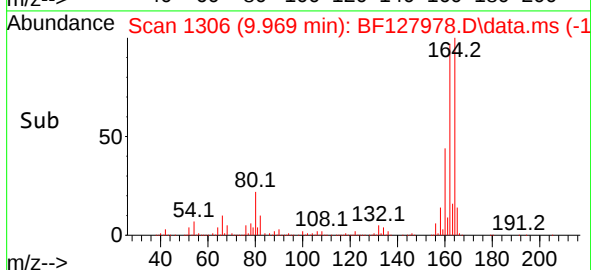
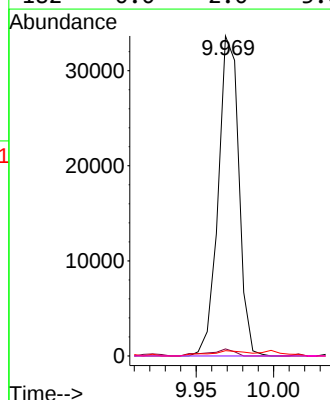
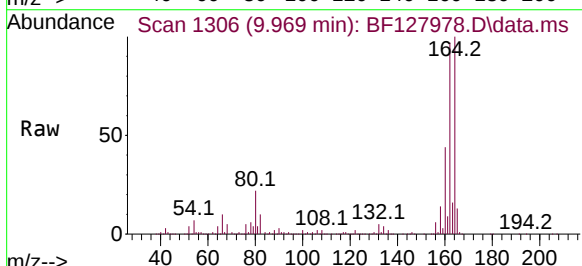
Ion Ratio Lower Upper

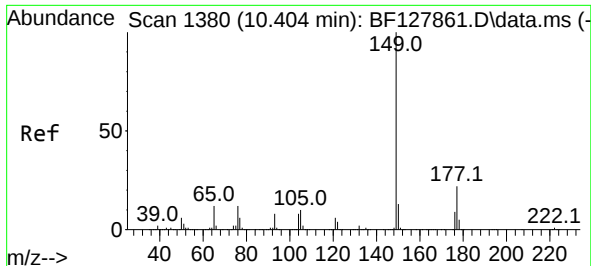
165 100

63 2.2 32.6 49.0#

89 1.6 55.2 82.8#

182 0.0 2.0 3.0#

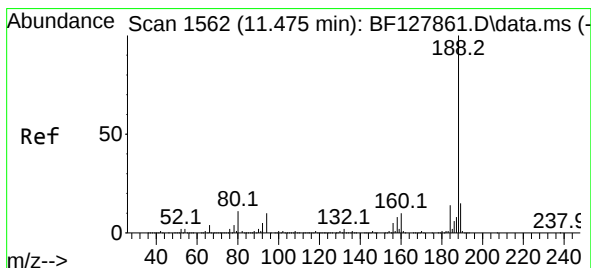
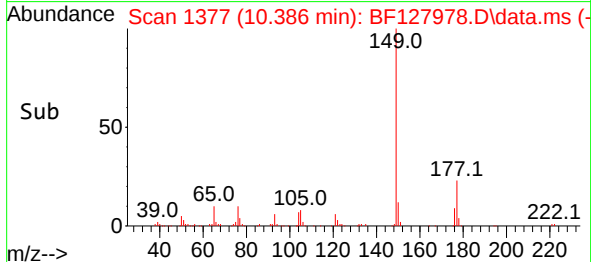
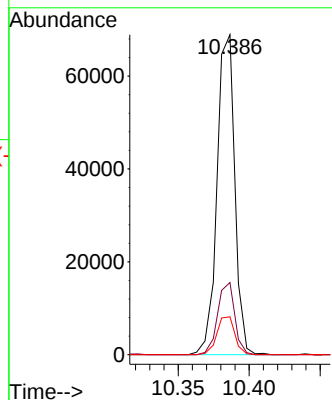
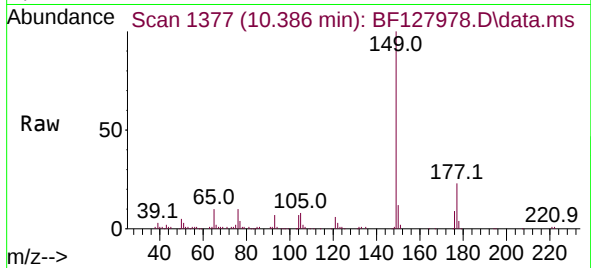




#60
Diethylphthalate
Concen: 3.803 ng
RT: 10.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

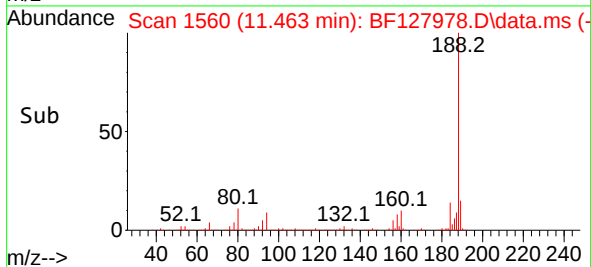
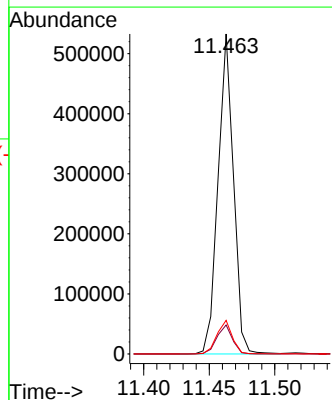
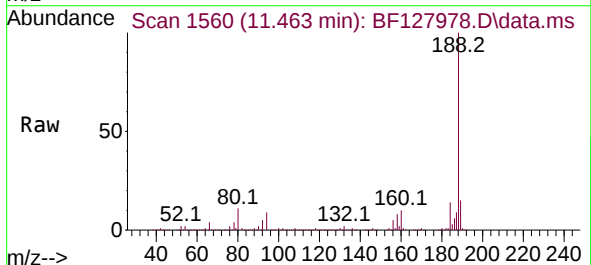
Instrument :
BNA_F
ClientSampleId :
MW-16SR

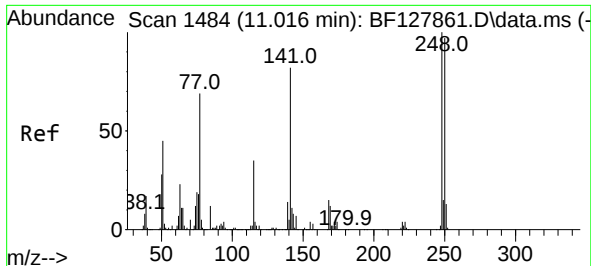
Tgt Ion:149 Resp: 59995
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 11.8 10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

Tgt Ion:188 Resp: 435704
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.5 8.9 13.3

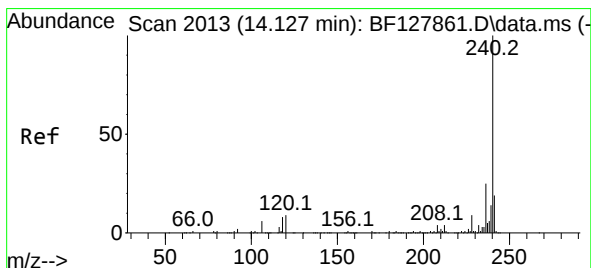
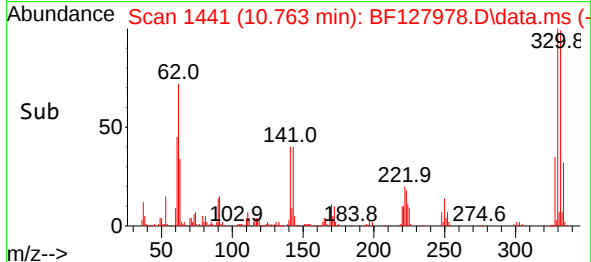
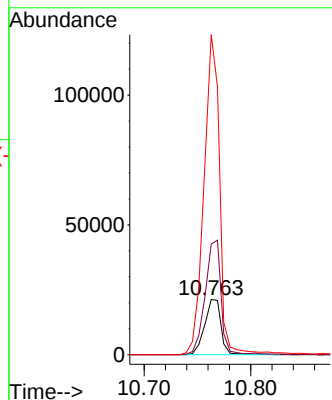
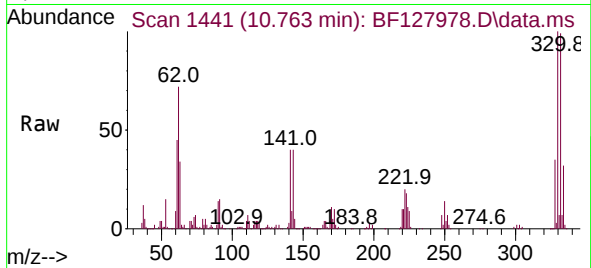




#67
4-Bromophenyl-phenylether
Concen: 4.707 ng
RT: 10.763 min Scan# 1484
Delta R.T. -0.247 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

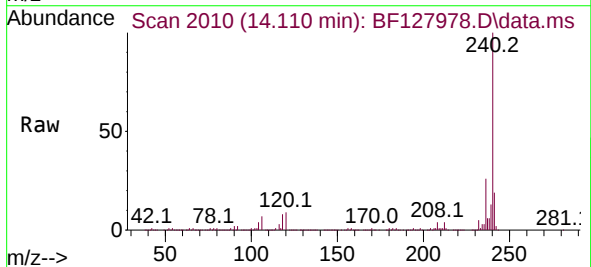
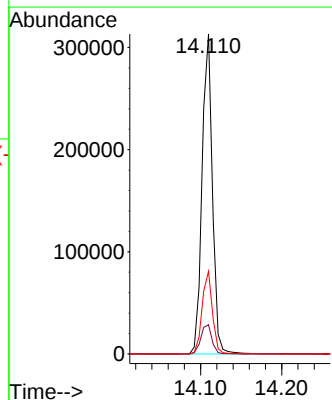
Instrument :
BNA_F
ClientSampleId :
MW-16SR

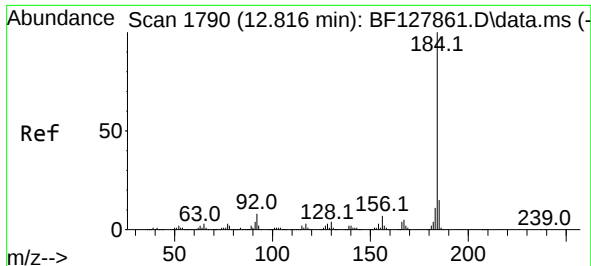
Tgt Ion:248 Resp: 22736
Ion Ratio Lower Upper
248 100
250 200.0 77.7 116.5#
141 579.1 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

Tgt Ion:240 Resp: 277982
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 25.9 20.3 30.5

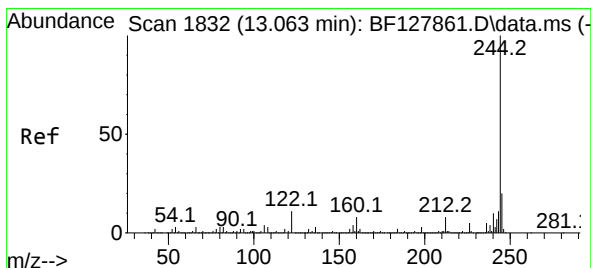
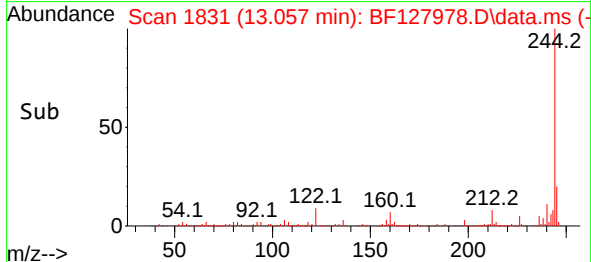
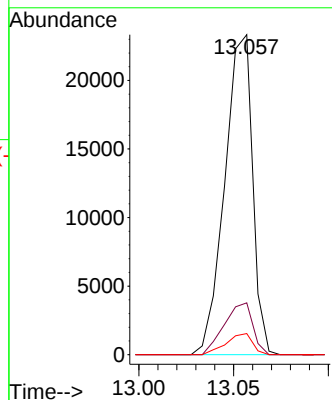
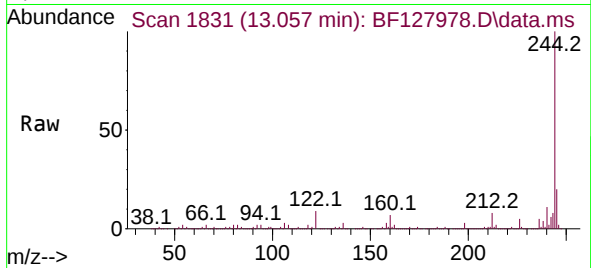




#77
Benzidine
Concen: 4.531 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.253 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

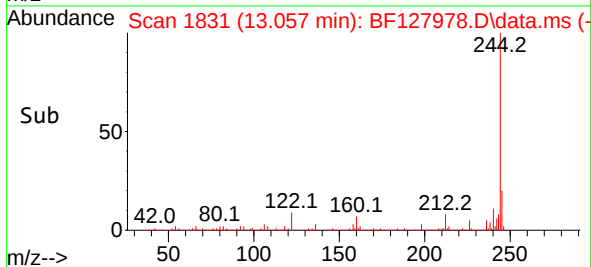
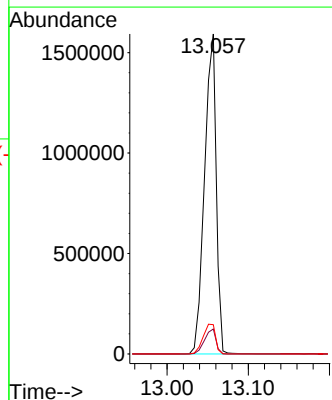
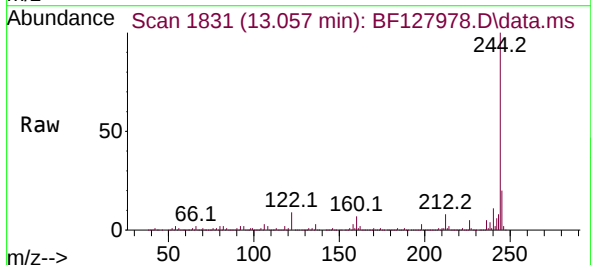
Instrument :
BNA_F
ClientSampleId :
MW-16SR

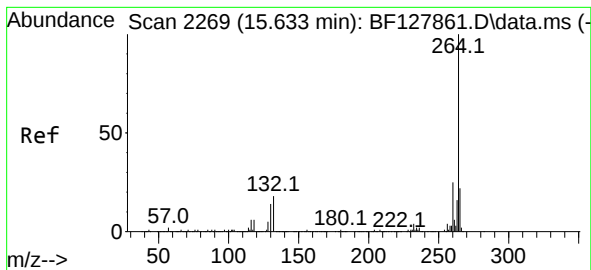
Tgt Ion:184 Resp: 23831
Ion Ratio Lower Upper
184 100
185 16.2 12.1 18.1
183 6.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 104.692 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

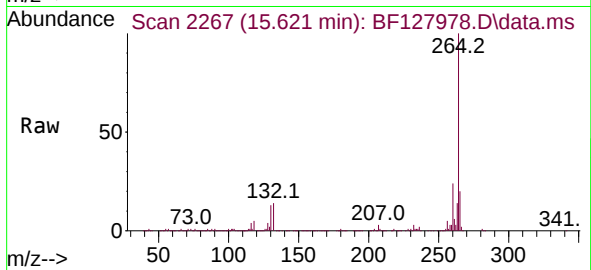
Tgt Ion:244 Resp: 1591546
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 9.2 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127978.D
Acq: 28 Apr 2022 13:55

Instrument :
BNA_F
ClientSampleId :
MW-16SR



Tgt Ion:264 Resp: 219680
Ion Ratio Lower Upper
264 100
260 24.2 20.1 30.1
265 19.7 17.5 26.3

