

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127957.D
 Acq On : 27 Apr 2022 20:53
 Operator : CG\JU
 Sample : N2482-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPN-15

Quant Time: Apr 28 05:17:21 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)

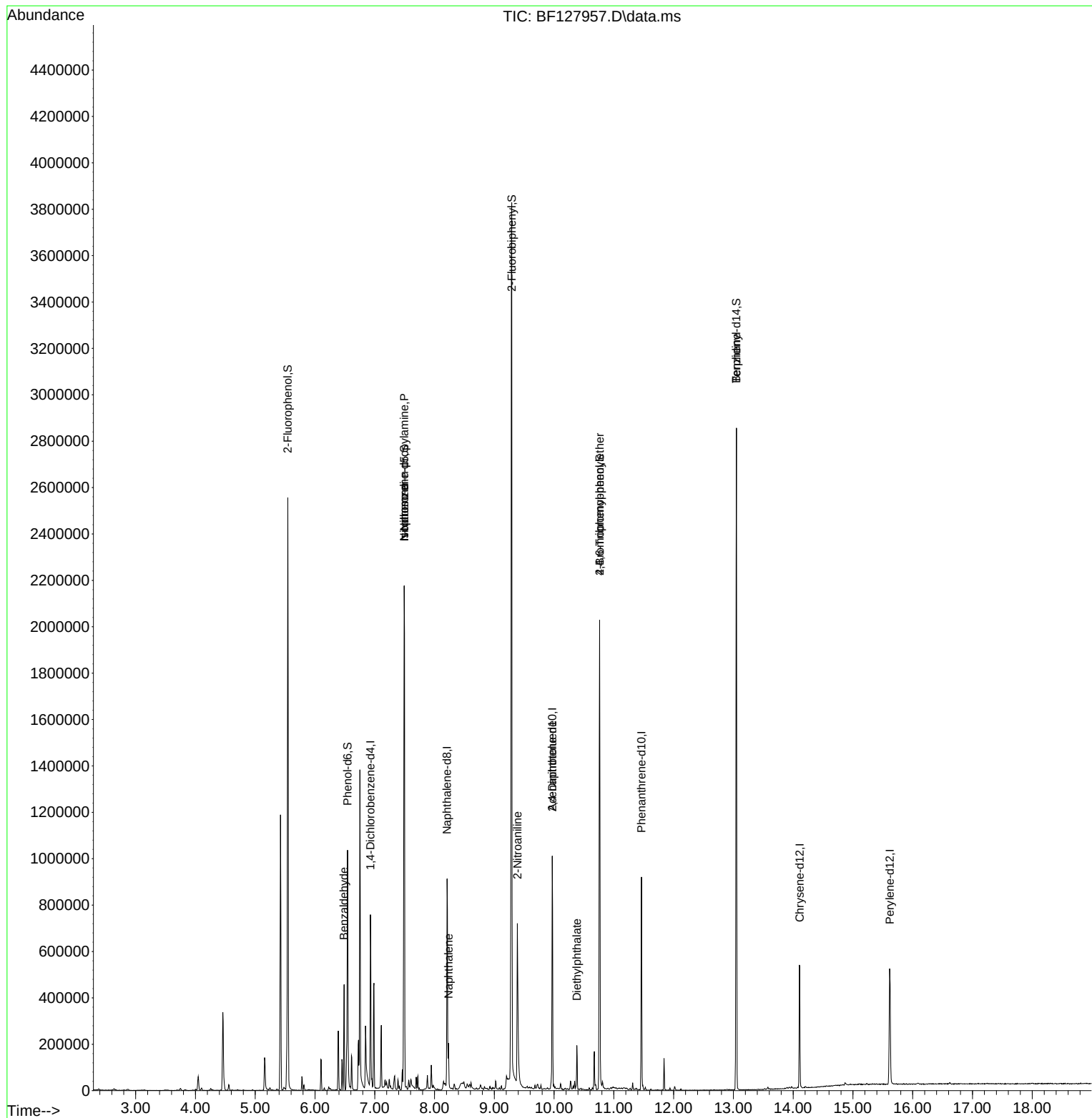
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	99528	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	376817	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	203152	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	310114	20.000	ng	0.00
76) Chrysene-d12	14.110	240	192206	20.000	ng	0.00
86) Perylene-d12	15.615	264	241317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	388135	62.115	ng	0.00
7) Phenol-d6	6.545	99	330070	40.709	ng	-0.02
23) Nitrobenzene-d5	7.492	82	796370	99.381	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	230536	112.728	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1206341	100.458	ng	0.00
79) Terphenyl-d14	13.051	244	948688	90.254	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.486	77	17091	3.407	ng	# 1
19) n-Nitroso-di-n-propyla...	7.492	70	110315	22.226	ng	# 78
25) Isophorone	7.492	82	796359	59.047	ng	# 68
31) Naphthalene	8.233	128	67299	3.507	ng	# 98
48) 2-Nitroaniline	9.386	65	15432	3.982	ng	# 19
57) 2,4-Dinitrotoluene	9.969	165	25780	6.598	ng	# 26
60) Diethylphthalate	10.380	149	59528	4.456	ng	# 98
67) 4-Bromophenyl-phenylether	10.763	248	14220	4.136	ng	# 1
77) Benzidine	13.051	184	13393	3.683	ng	# 94

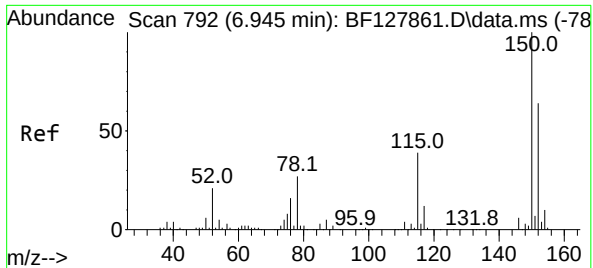
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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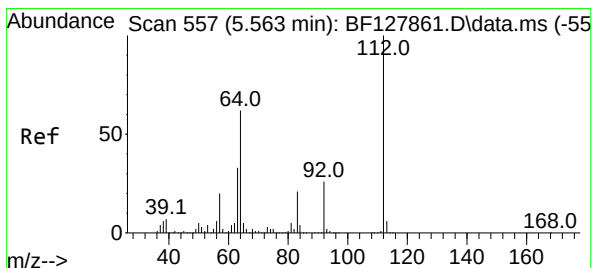
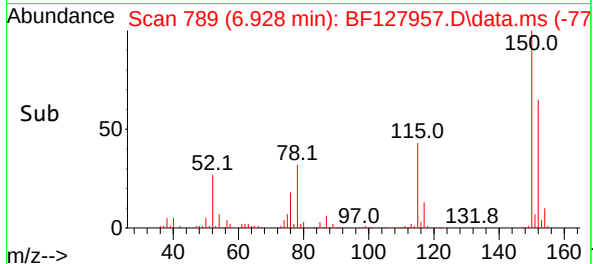
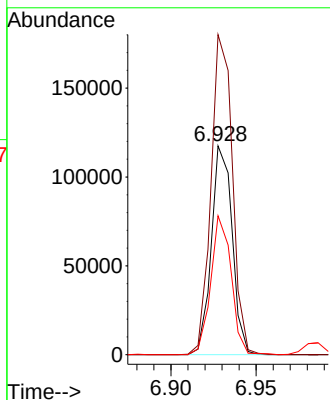
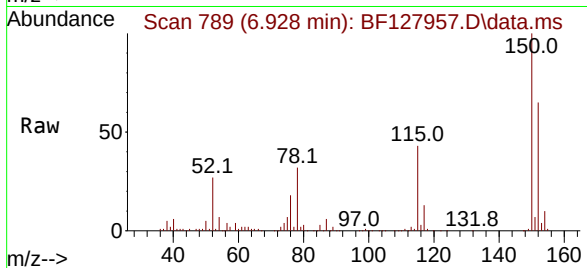




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127957.D
 Acq: 27 Apr 2022 20:53

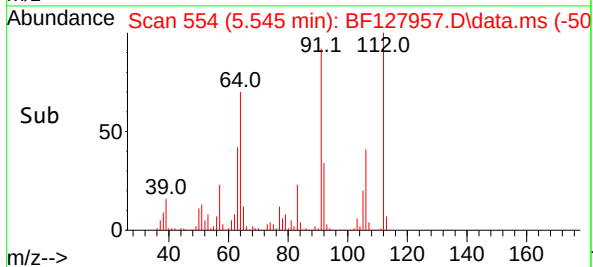
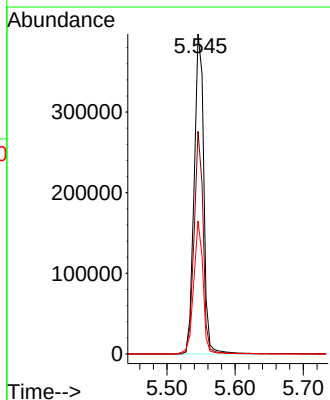
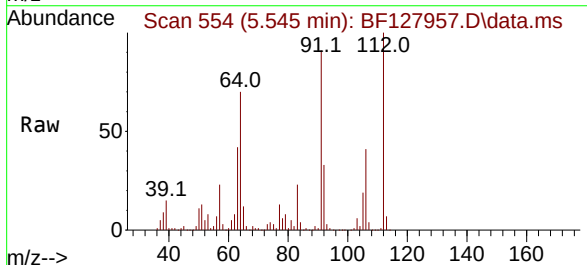
Instrument :
 BNA_F
 ClientSampleId :
 SPN-15

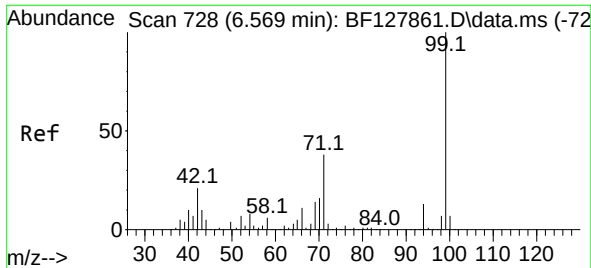
Tgt Ion:152 Resp: 99528
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.3 187.9
 115 66.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 62.115 ng
 RT: 5.545 min Scan# 554
 Delta R.T. -0.006 min
 Lab File: BF127957.D
 Acq: 27 Apr 2022 20:53

Tgt Ion:112 Resp: 388135
 Ion Ratio Lower Upper
 112 100
 64 69.5 49.5 74.3
 63 41.6 26.3 39.5#

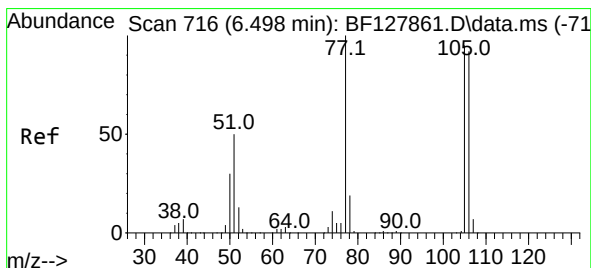
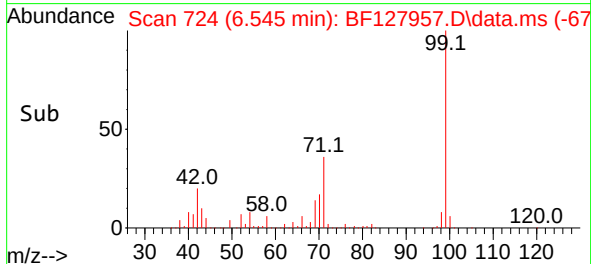
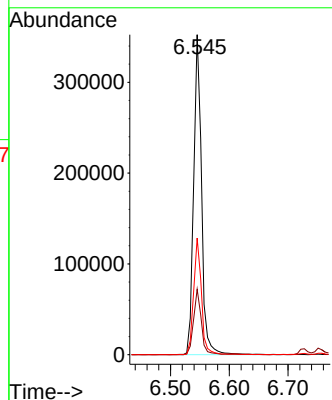
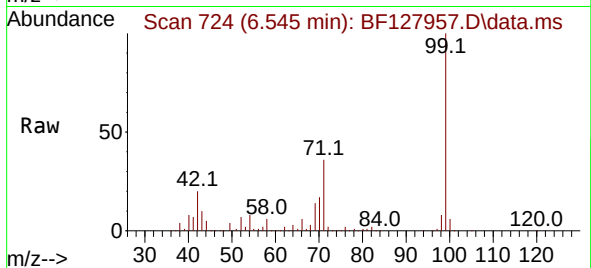




#7
Phenol-d6
Concen: 40.709 ng
RT: 6.545 min Scan# 714
Delta R.T. -0.018 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

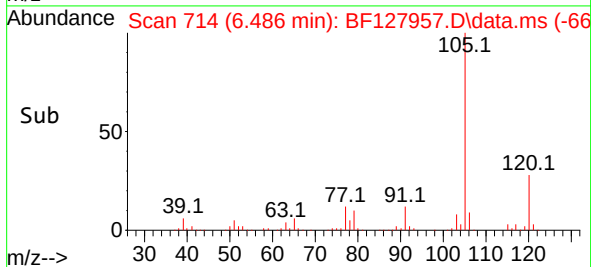
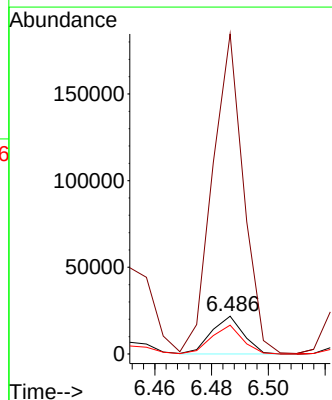
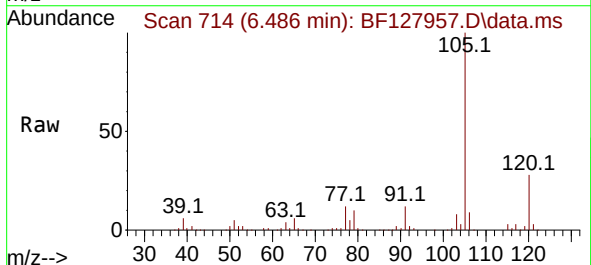
Instrument :
BNA_F
ClientSampleId :
SPN-15

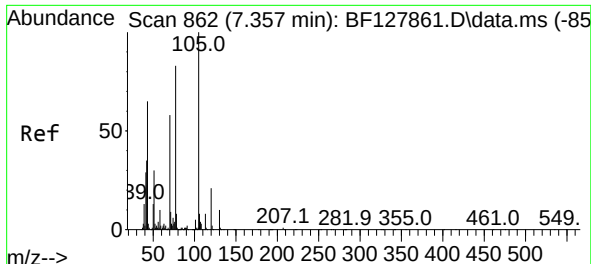
Tgt Ion: 99 Resp: 330070
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 36.4 30.0 45.0



#9
Benzaldehyde
Concen: 3.407 ng
RT: 6.486 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

Tgt Ion: 77 Resp: 17091
Ion Ratio Lower Upper
77 100
105 847.3 74.9 114.9#
106 76.1 72.2 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 22.226 ng

RT: 7.492 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127957.D

Acq: 27 Apr 2022 20:53

Instrument :

BNA_F

ClientSampleId :

SPN-15

Tgt Ion: 70 Resp: 110315

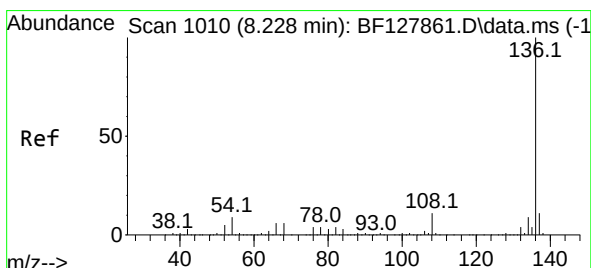
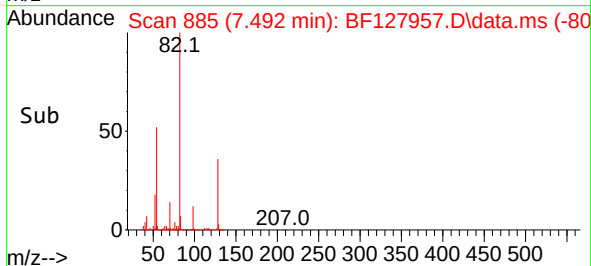
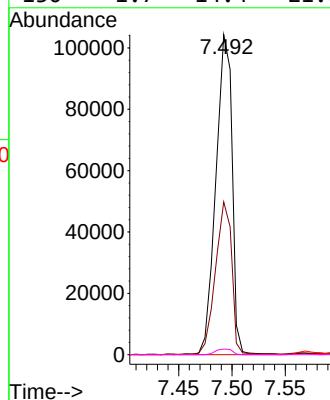
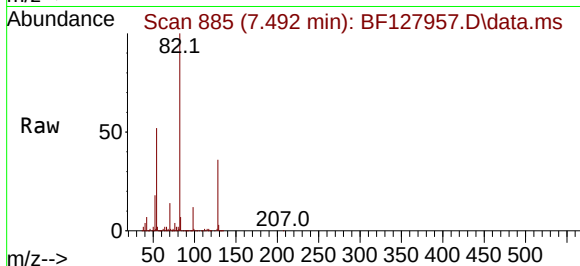
Ion Ratio Lower Upper

70 100

42 47.7 48.7 73.1#

101 0.0 7.2 10.8#

130 1.7 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: BF127957.D

Acq: 27 Apr 2022 20:53

Tgt Ion:136 Resp: 376817

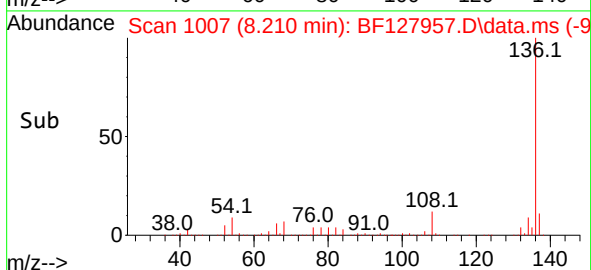
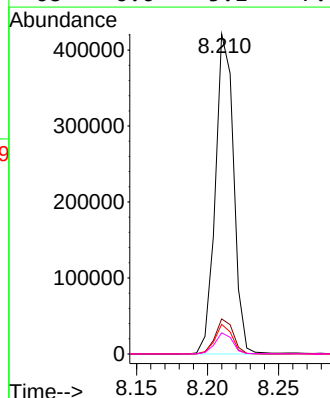
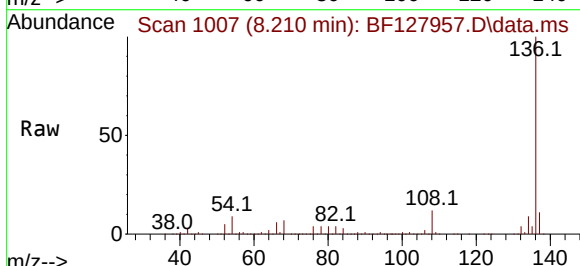
Ion Ratio Lower Upper

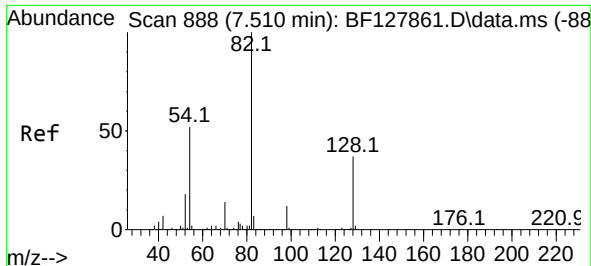
136 100

137 11.0 8.6 13.0

54 9.2 6.8 10.2

68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 99.381 ng

RT: 7.492 min Scan# 885

Delta R.T. -0.012 min

Lab File: BF127957.D

Acq: 27 Apr 2022 20:53

Instrument :

BNA_F

ClientSampleId :

SPN-15

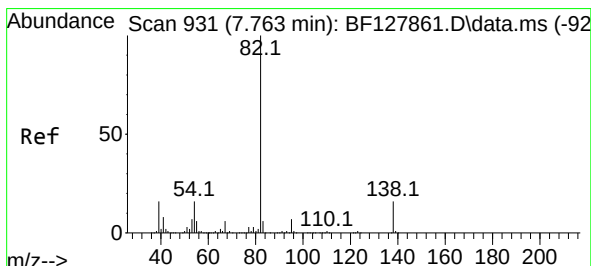
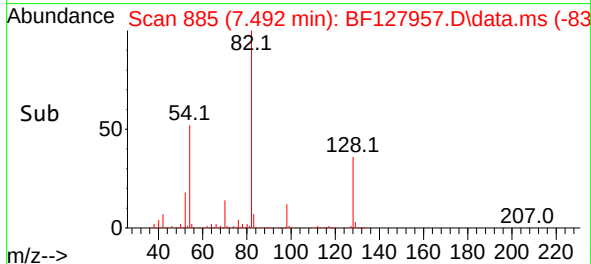
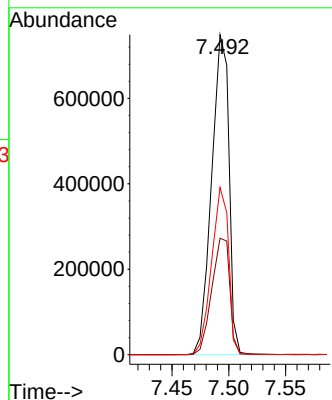
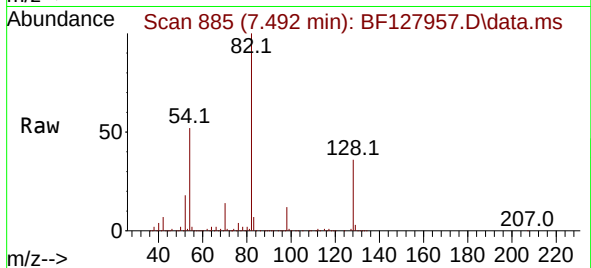
Tgt Ion: 82 Resp: 796370

Ion Ratio Lower Upper

82 100

128 36.4 30.0 45.0

54 52.3 41.3 61.9



#25

Isophorone

Concen: 59.047 ng

RT: 7.492 min Scan# 885

Delta R.T. -0.265 min

Lab File: BF127957.D

Acq: 27 Apr 2022 20:53

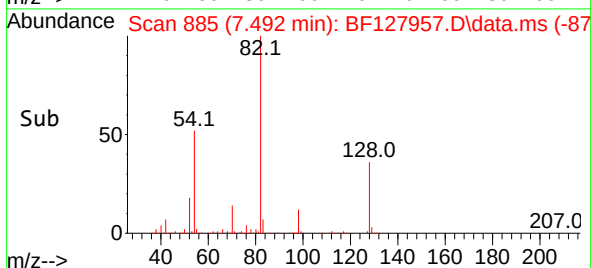
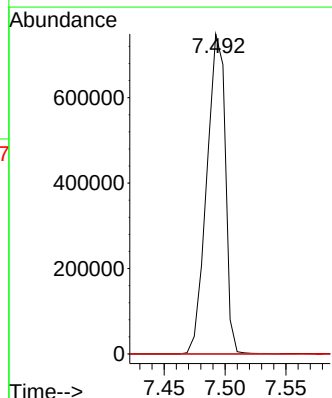
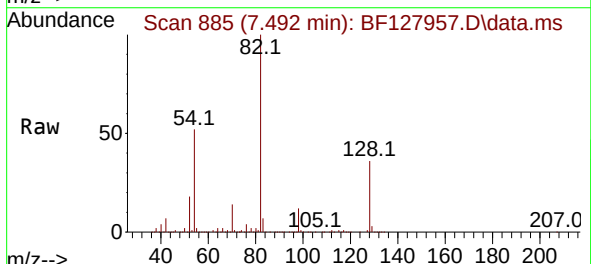
Tgt Ion: 82 Resp: 796359

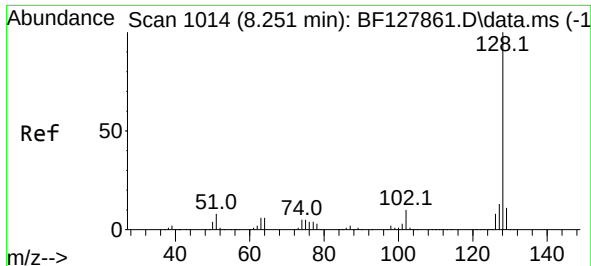
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 12.5 18.7#

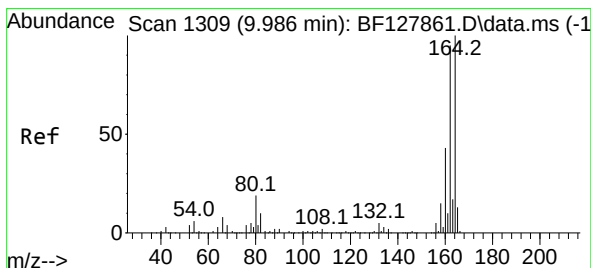
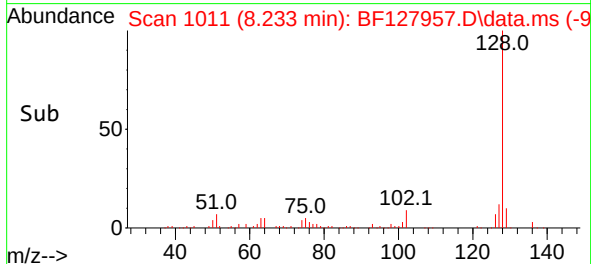
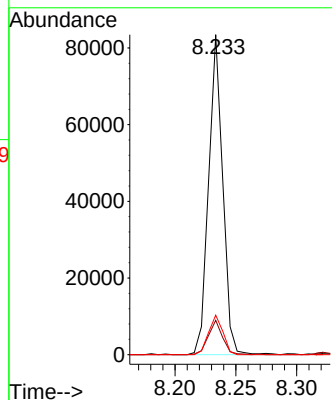
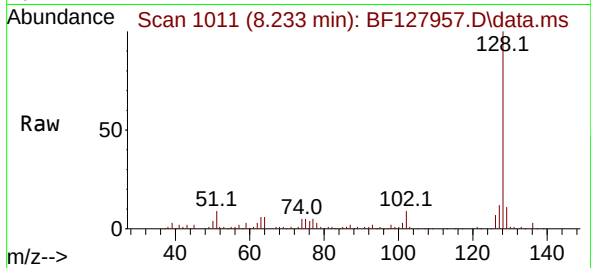




#31
Naphthalene
Concen: 3.507 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

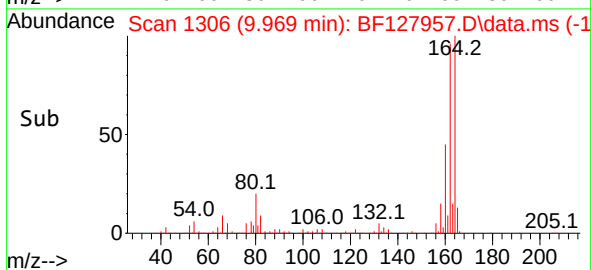
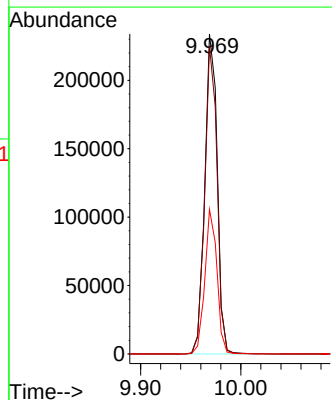
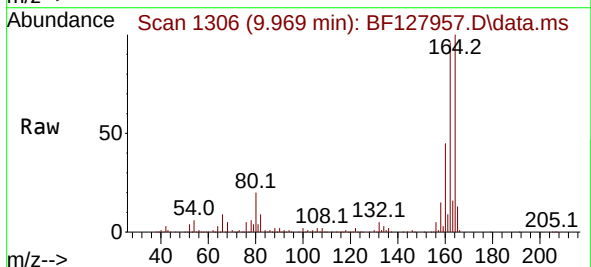
Instrument :
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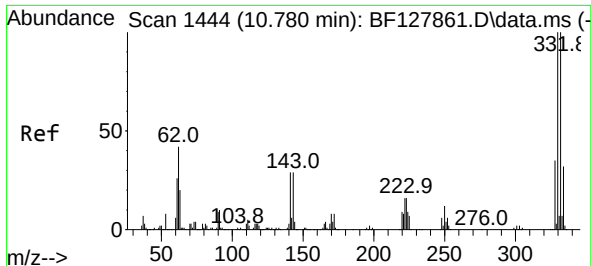
Tgt Ion:128 Resp: 67299
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.4 10.6 16.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

Tgt Ion:164 Resp: 203152
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 45.2 34.8 52.2

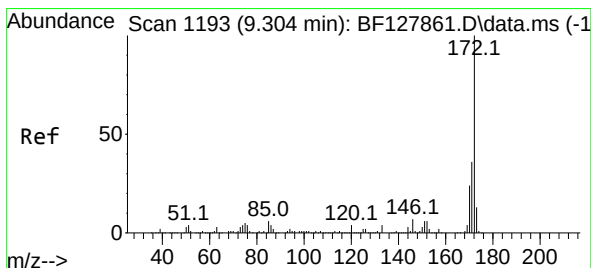
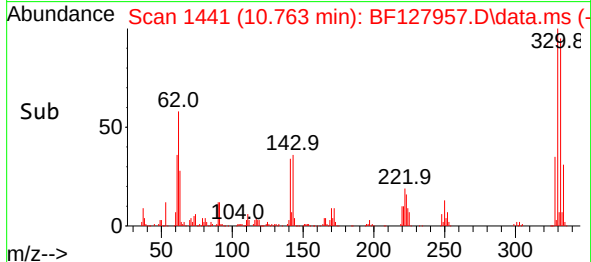
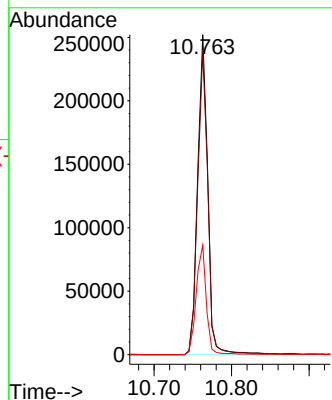
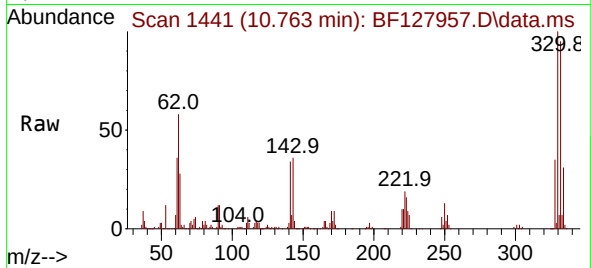




#42
2,4,6-Tribromophenol
Concen: 112.728 ng
RT: 10.763 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

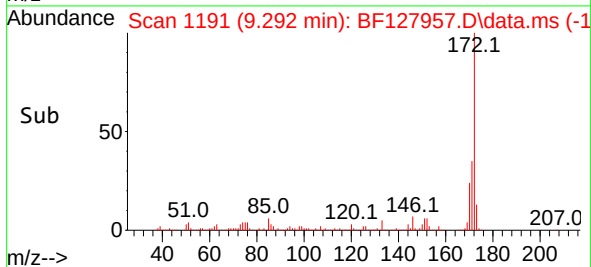
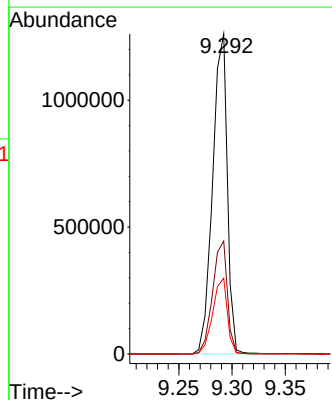
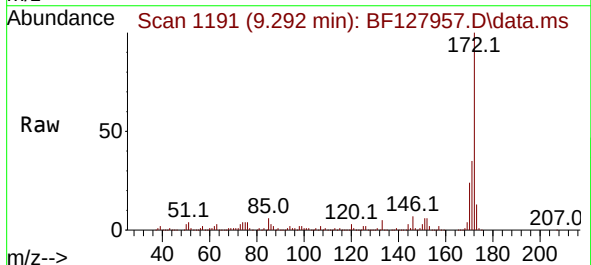
Instrument :
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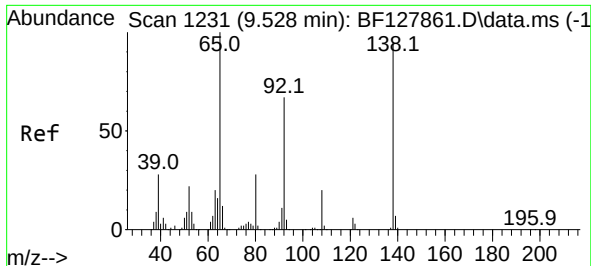
Tgt Ion:330 Resp: 230536
Ion Ratio Lower Upper
330 100
332 95.0 79.0 118.4
141 34.2 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 100.458 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

Tgt Ion:172 Resp: 1206341
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.7 19.1 28.7

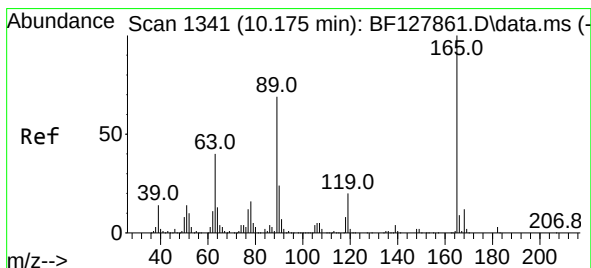
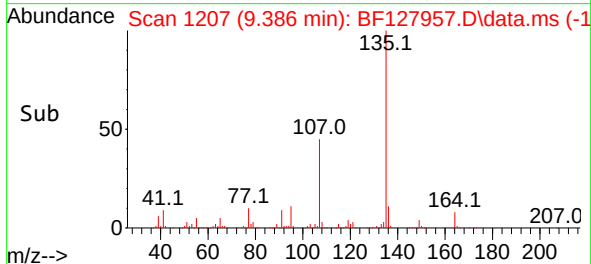
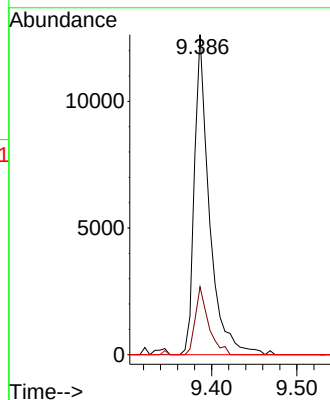
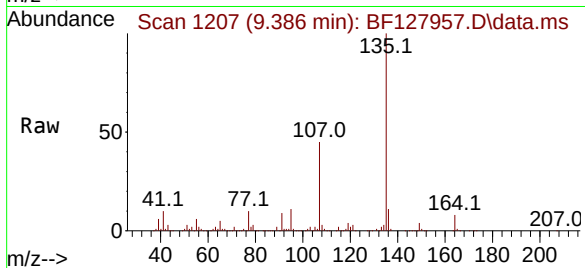




#48
2-Nitroaniline
Concen: 3.982 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.135 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

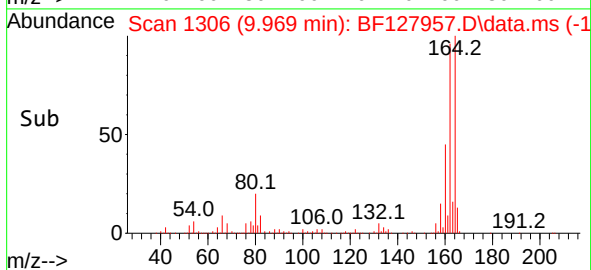
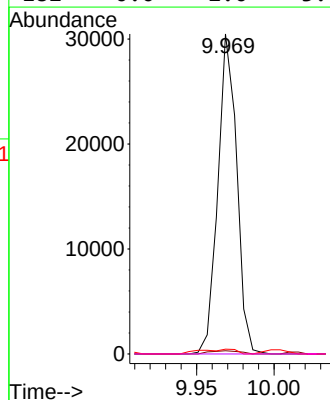
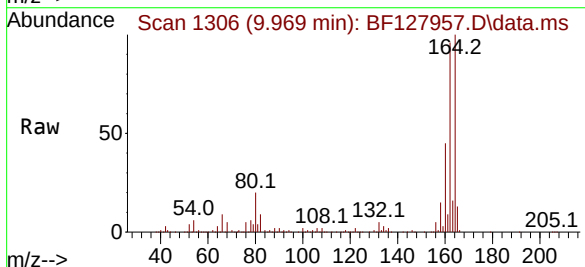
Instrument :
BNA_F
ClientSampleId :
SPN-15

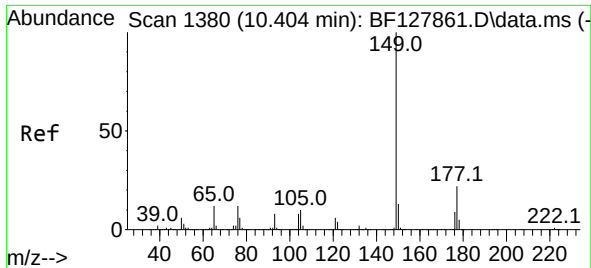
Tgt Ion: 65 Resp: 15432
Ion Ratio Lower Upper
65 100
92 21.2 53.7 80.5#
138 0.0 76.4 114.6#



#57
2,4-Dinitrotoluene
Concen: 6.598 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

Tgt Ion:165 Resp: 25780
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#

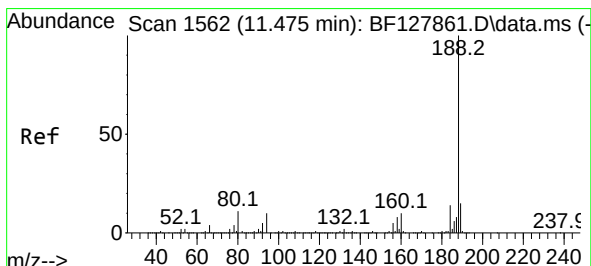
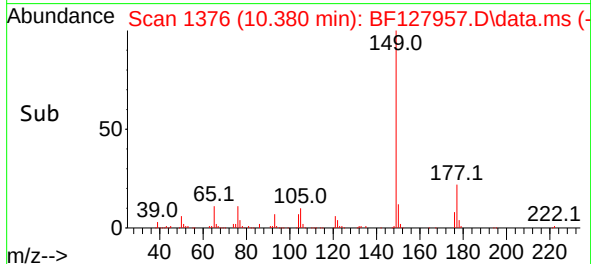
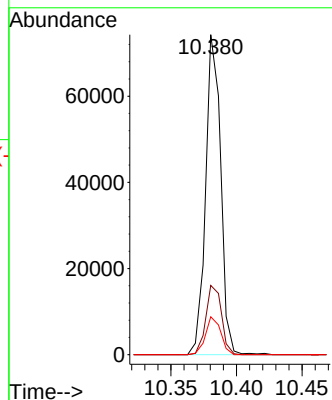
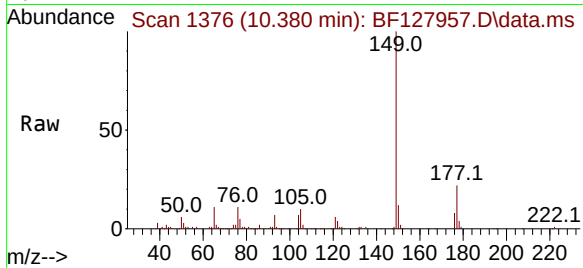




#60
Diethylphthalate
Concen: 4.456 ng
RT: 10.380 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

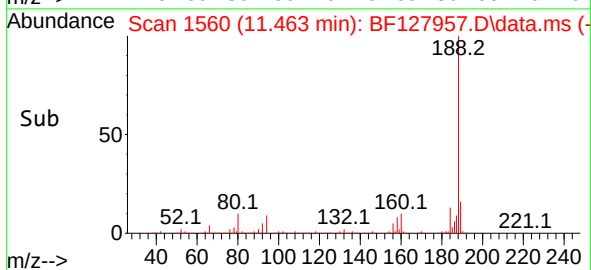
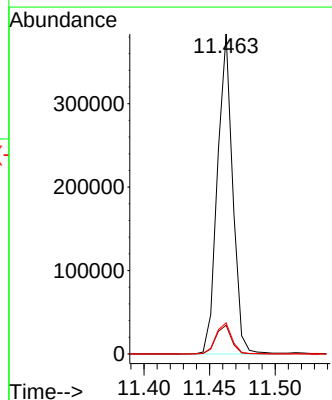
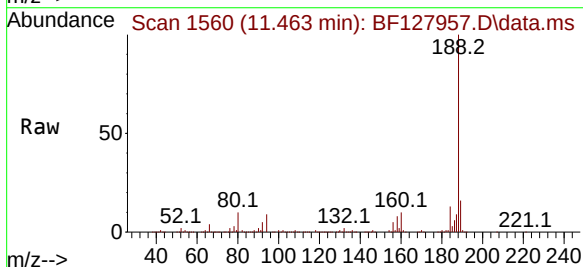
Instrument :
BNA_F
ClientSampleId :
SPN-15

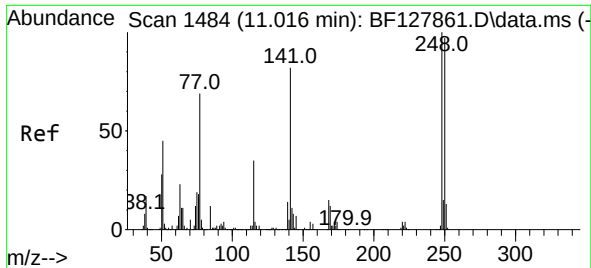
Tgt Ion:149 Resp: 59528
Ion Ratio Lower Upper
149 100
177 21.7 17.8 26.8
150 11.9 10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

Tgt Ion:188 Resp: 310114
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.7 8.9 13.3

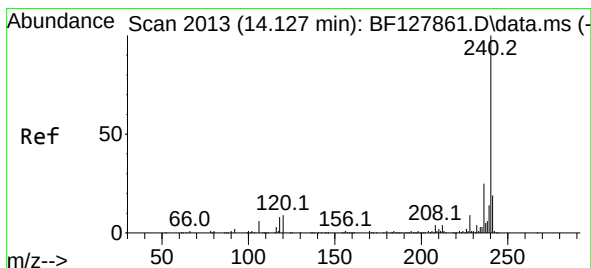
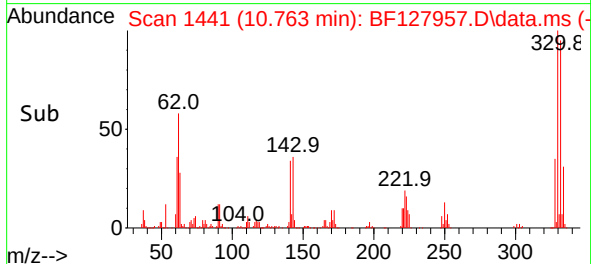
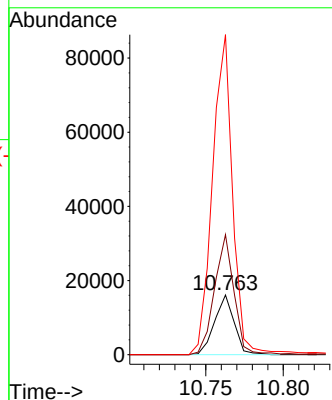
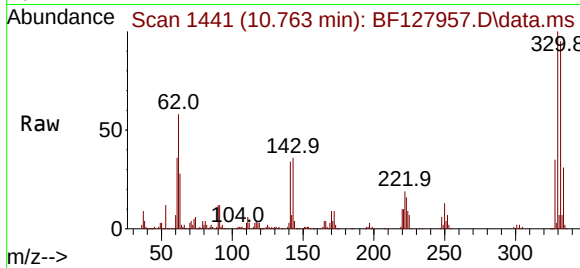




#67
4-Bromophenyl-phenylether
Concen: 4.136 ng
RT: 10.763 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

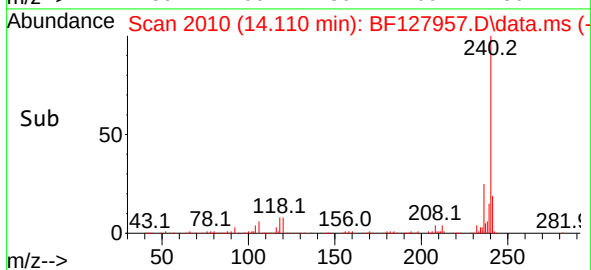
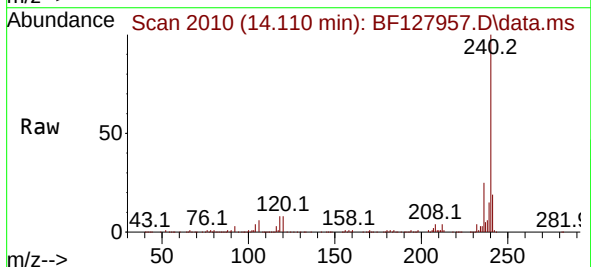
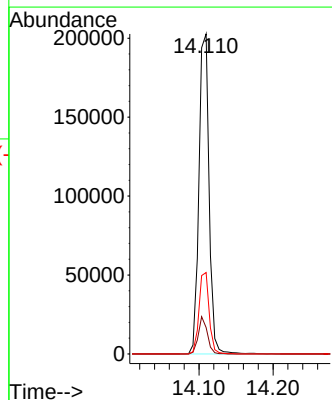
Instrument :
BNA_F
ClientSampleId :
SPN-15

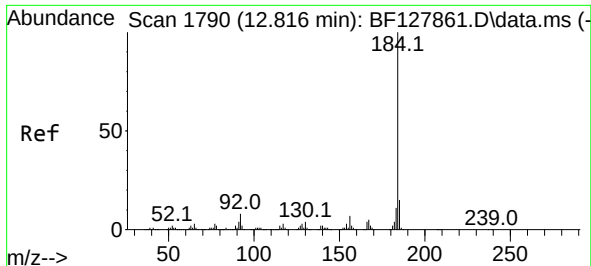
Tgt Ion:248 Resp: 14220
Ion Ratio Lower Upper
248 100
250 201.1 77.7 116.5#
141 536.2 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

Tgt Ion:240 Resp: 192206
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.5 20.3 30.5

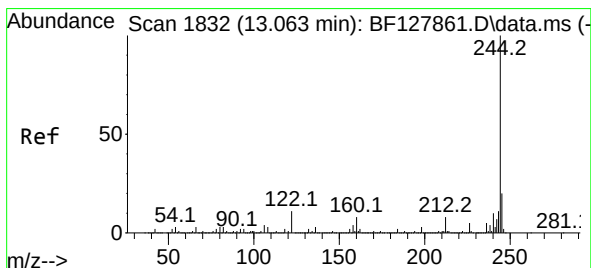
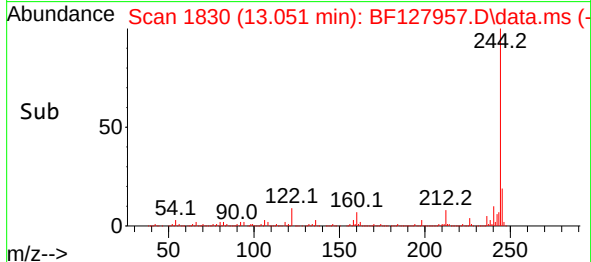
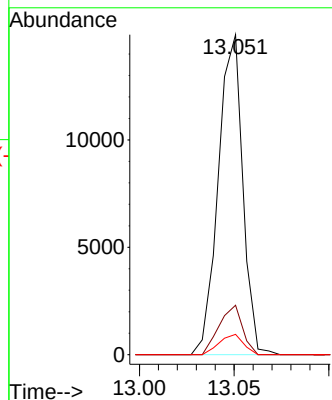
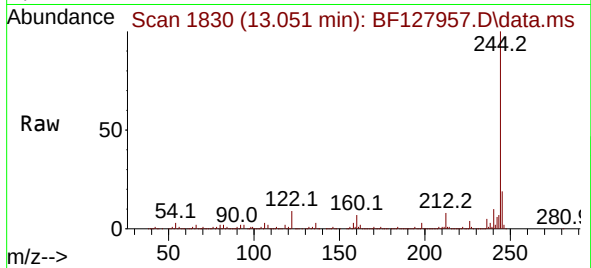




#77
Benzidine
Concen: 3.683 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

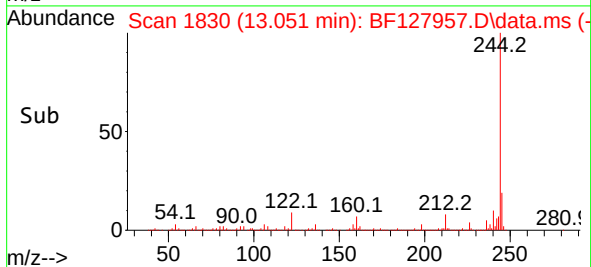
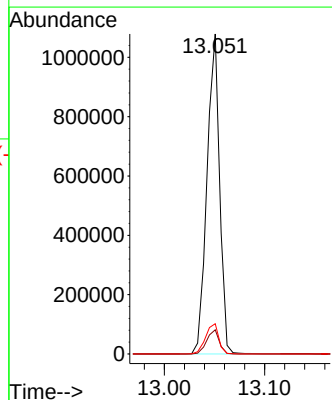
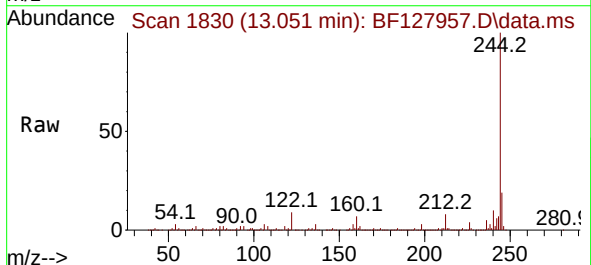
Instrument :
BNA_F
ClientSampleId :
SPN-15

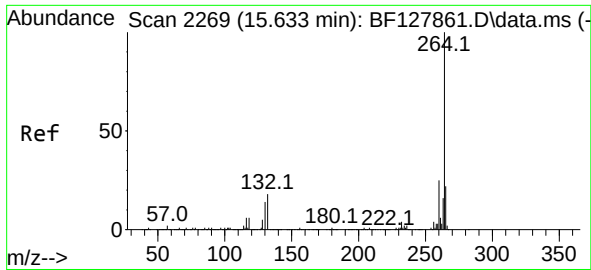
Tgt Ion:184 Resp: 13393
Ion Ratio Lower Upper
184 100
185 15.5 12.1 18.1
183 6.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 90.254 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127957.D
Acq: 27 Apr 2022 20:53

Tgt Ion:244 Resp: 948688
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.4 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: BF127957.D

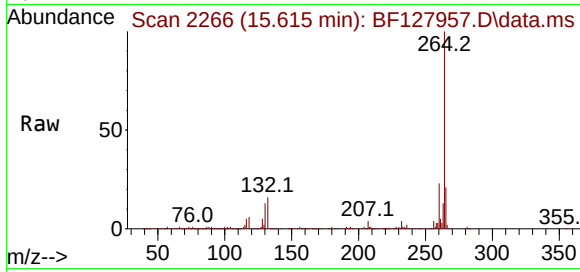
Acq: 27 Apr 2022 20:53

Instrument :

BNA_F

ClientSampleId :

SPN-15



Tgt Ion:264 Resp: 241317

Ion Ratio Lower Upper

264 100

260 23.1 20.1 30.1

265 21.3 17.5 26.3

