

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127010.D
 Acq On : 22 Feb 2022 15:55
 Operator : CG\JU
 Sample : N1599-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPN-1

Quant Time: Feb 22 23:58:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

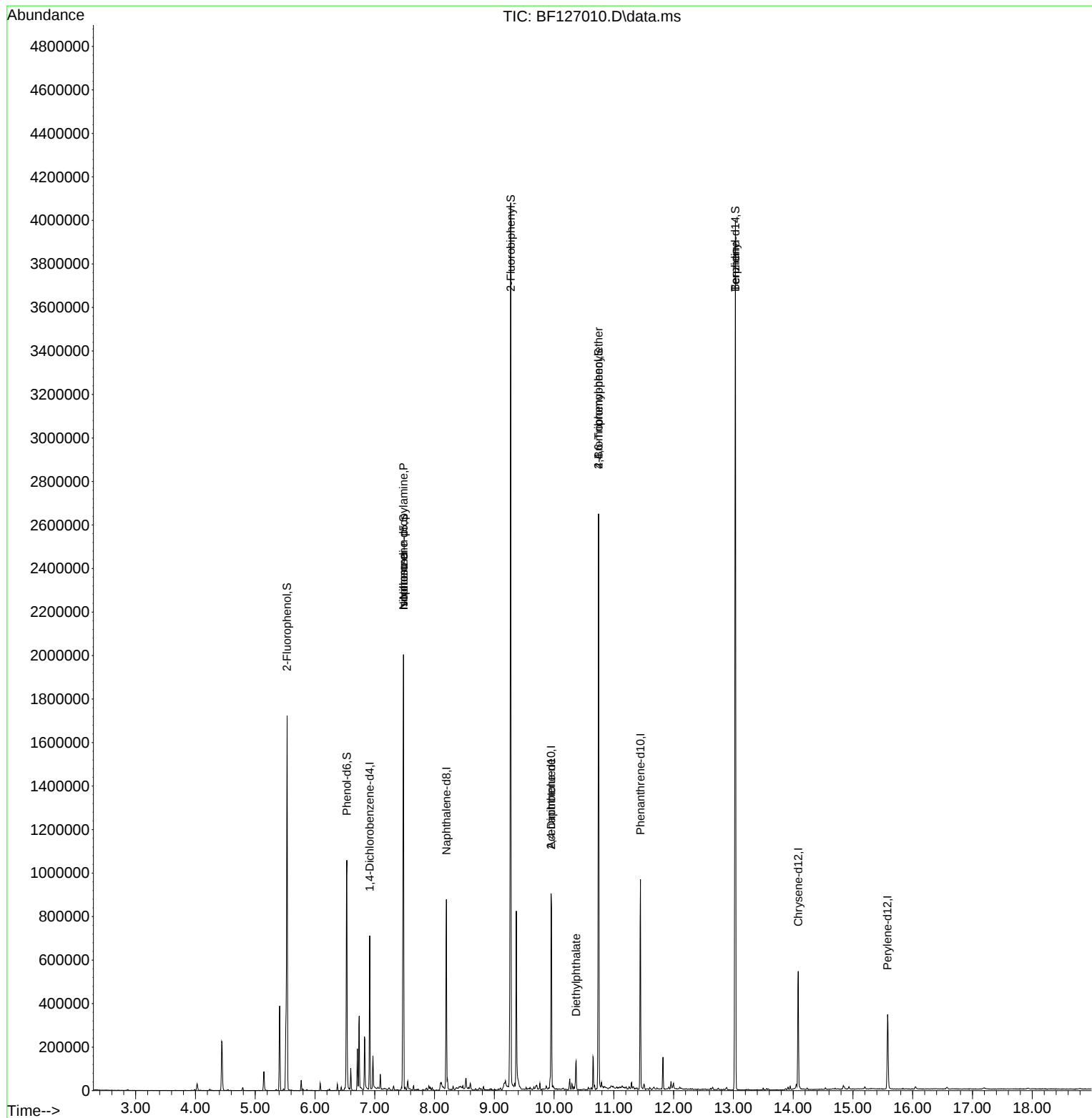
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	81767	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	338966	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	175241	20.000	ng	-0.01
64) Phenanthrene-d10	11.445	188	307811	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	170771	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	151705	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	377108	71.282	ng	0.00
7) Phenol-d6	6.534	99	338271	47.386	ng	-0.01
23) Nitrobenzene-d5	7.481	82	646197	86.049	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	292472	144.956	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1087482	91.357	ng	0.00
79) Terphenyl-d14	13.033	244	1303955	112.248	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	89580	19.474	ng	# 78
25) Isophorone	7.481	82	644713	51.882	ng	# 69
57) 2,4-Dinitrotoluene	9.951	165	22488	6.526	ng	# 16
60) Diethylphthalate	10.369	149	41025	3.134	ng	# 99
67) 4-Bromophenyl-phenylether	10.745	248	17132	4.981	ng	# 1
77) Benzidine	13.033	184	19138	4.124	ng	# 96

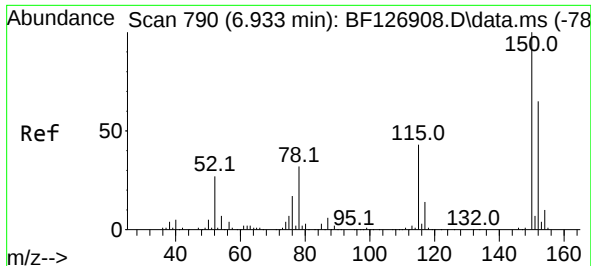
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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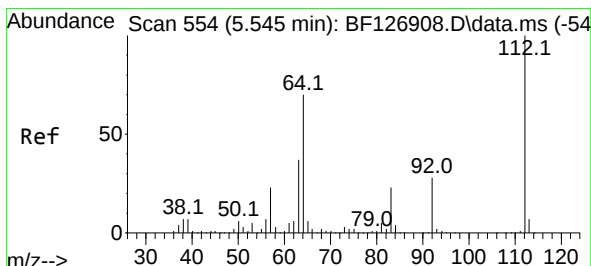
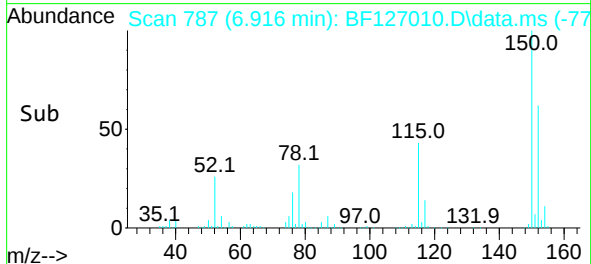
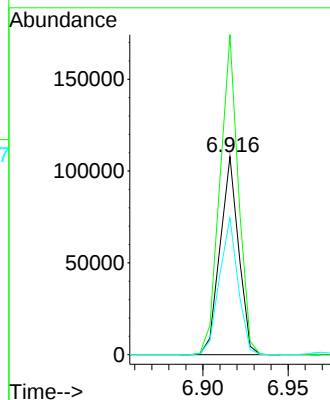
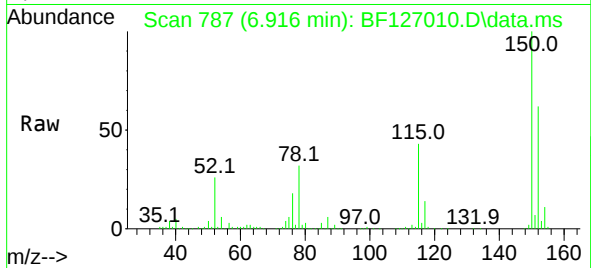




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

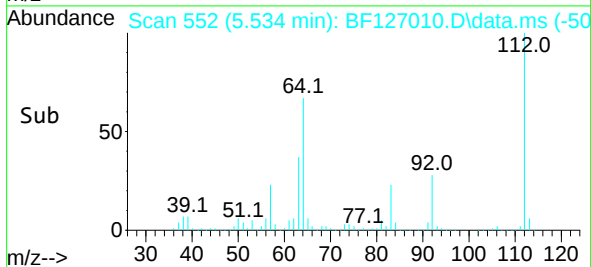
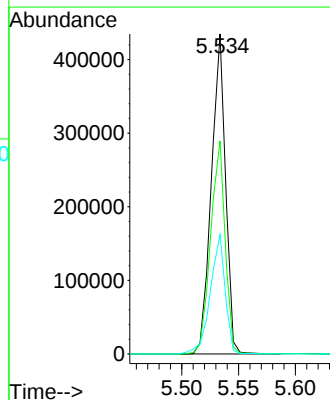
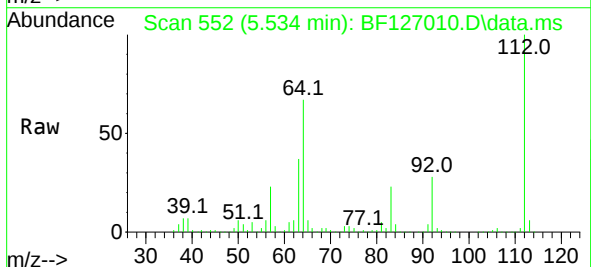
Instrument :
BNA_F
ClientSampleId :
SPN-1

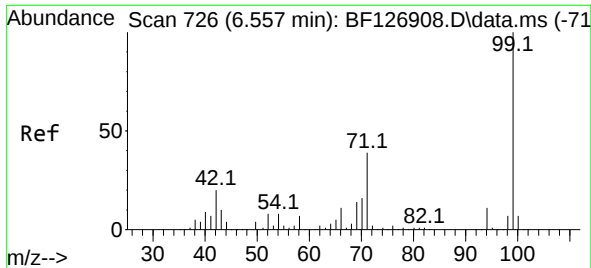
Tgt Ion:152 Resp: 81767
Ion Ratio Lower Upper
152 100
150 161.6 128.1 192.1
115 69.2 56.7 85.1



#5
2-Fluorophenol
Concen: 71.282 ng
RT: 5.534 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

Tgt Ion:112 Resp: 377108
Ion Ratio Lower Upper
112 100
64 66.6 49.5 74.3
63 37.3 23.9 35.9#

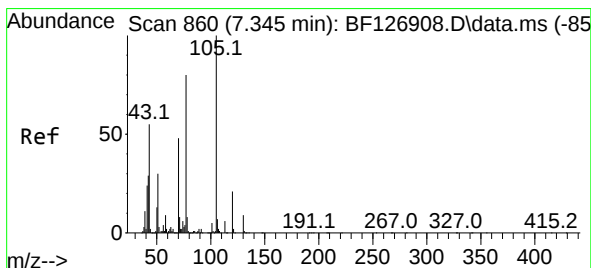
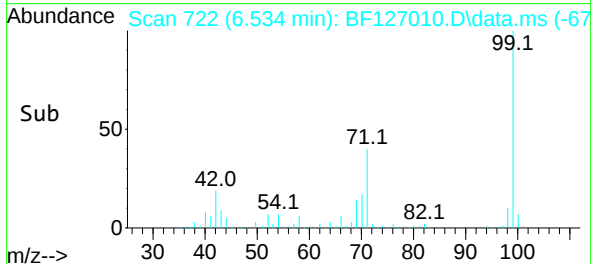
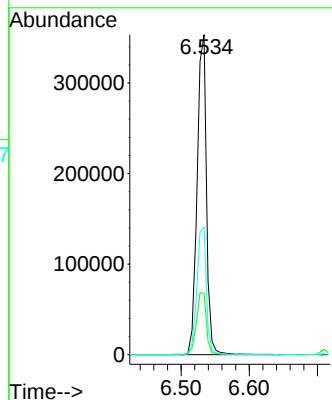
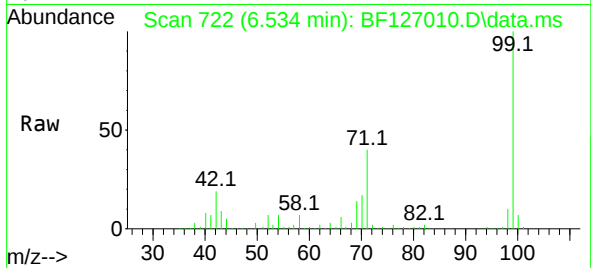




#7
Phenol-d6
Concen: 47.386 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

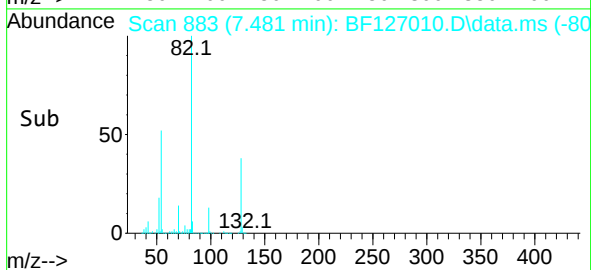
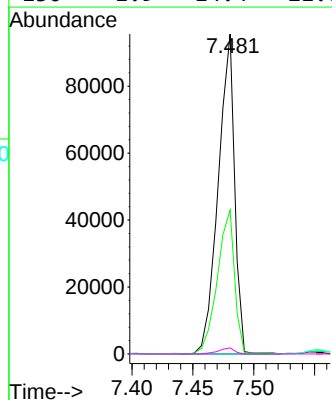
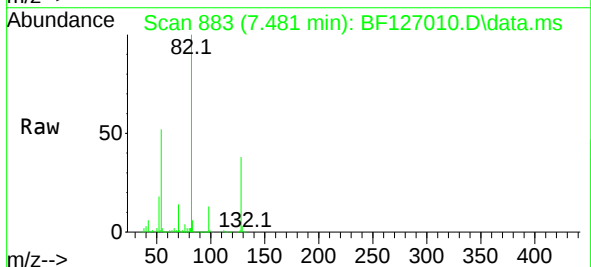
Instrument :
BNA_F
ClientSampleId :
SPN-1

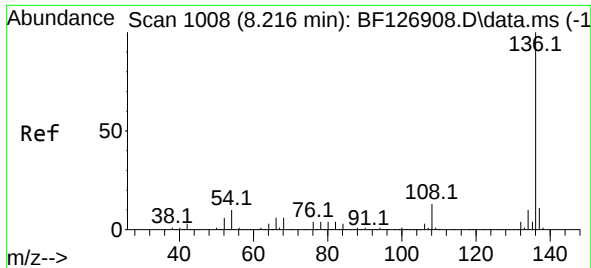
Tgt Ion: 99 Resp: 338271
Ion Ratio Lower Upper
99 100
42 19.2 14.2 21.4
71 39.9 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 19.474 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

Tgt Ion: 70 Resp: 89580
Ion Ratio Lower Upper
70 100
42 45.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

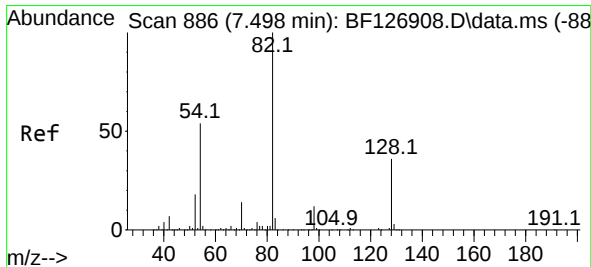
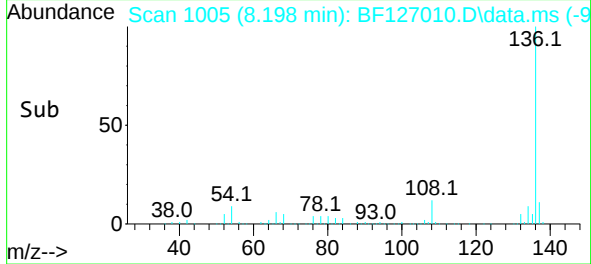
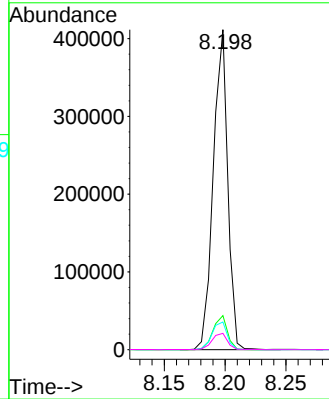
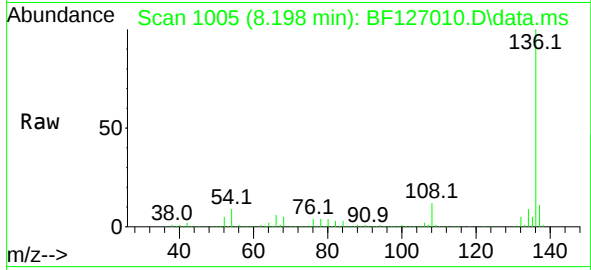




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

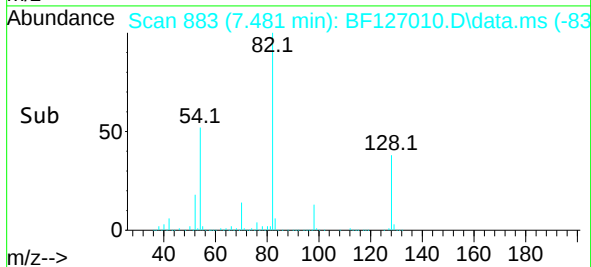
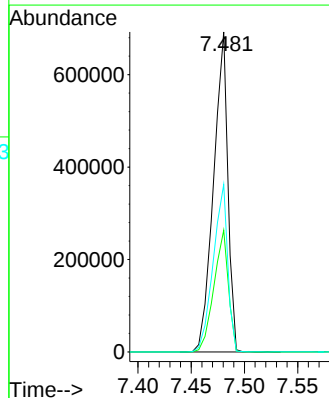
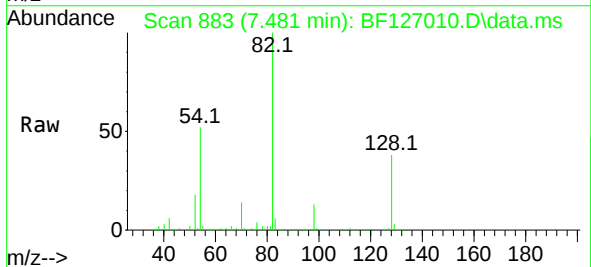
Instrument :
BNA_F
ClientSampleId :
SPN-1

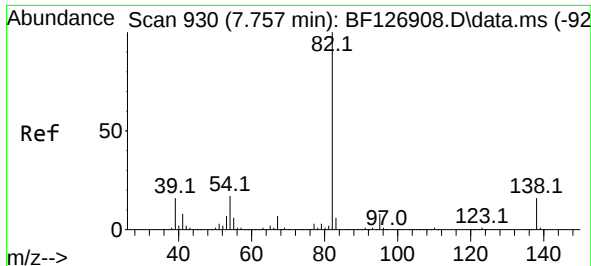
Tgt Ion:136 Resp: 338966
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.7 7.8 11.6
68 5.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 86.049 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

Tgt Ion: 82 Resp: 646197
Ion Ratio Lower Upper
82 100
128 38.0 32.7 49.1
54 52.3 41.7 62.5

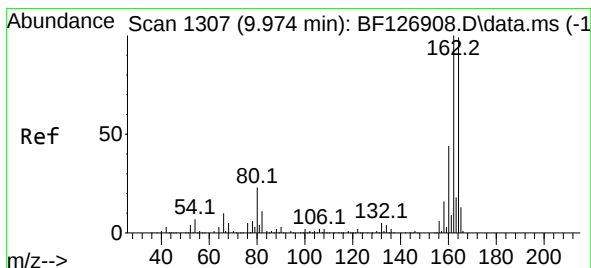
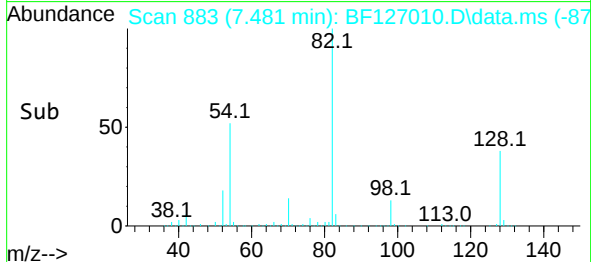
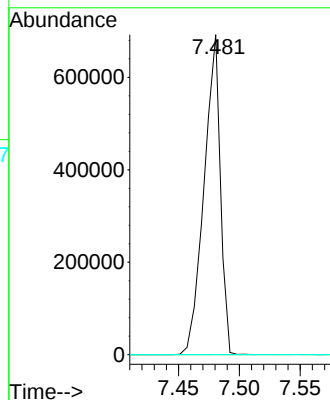
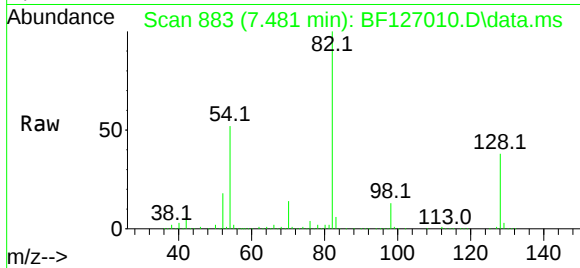




#25
Isophorone
Concen: 51.882 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

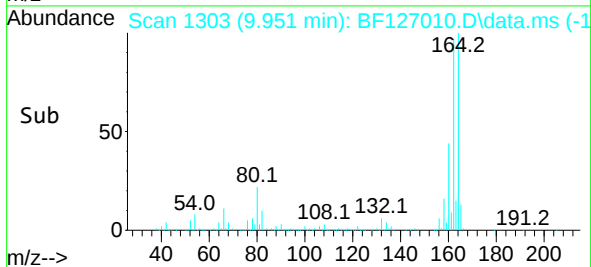
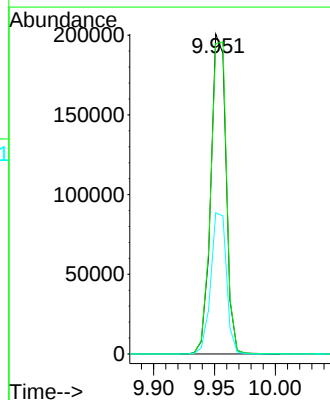
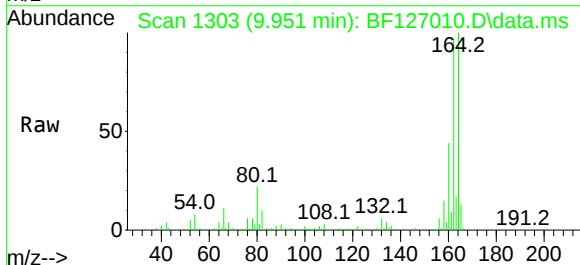
Instrument :
BNA_F
Client Sample Id :
SPN-1

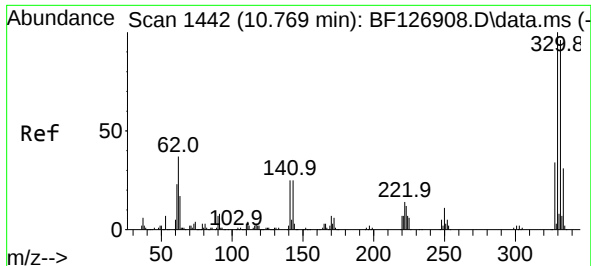
Tgt Ion: 82 Resp: 644713
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

Tgt Ion: 164 Resp: 175241
Ion Ratio Lower Upper
164 100
162 97.0 81.4 122.0
160 44.1 36.6 54.8

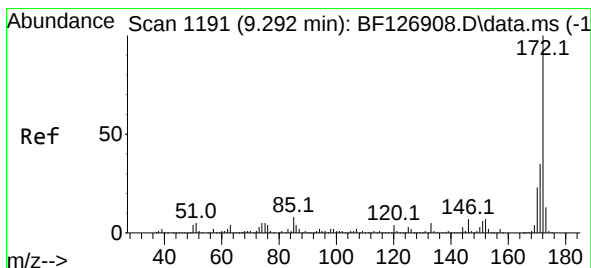
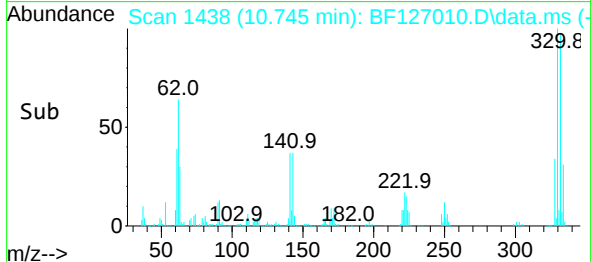
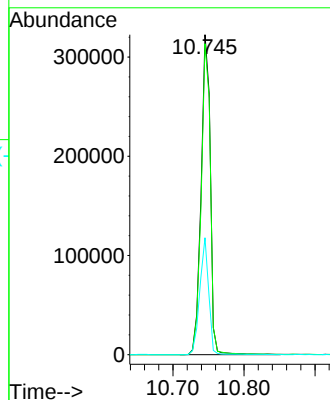
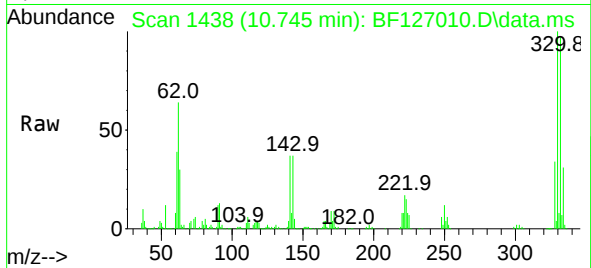




#42
2,4,6-Tribromophenol
Concen: 144.956 ng
RT: 10.745 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

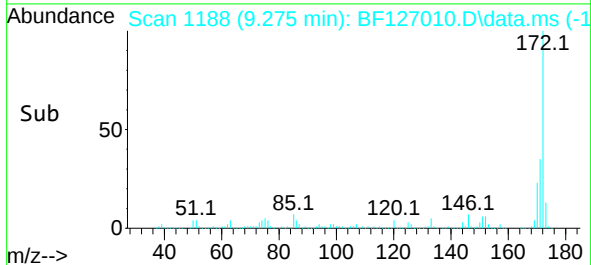
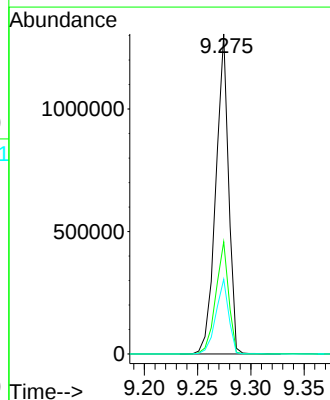
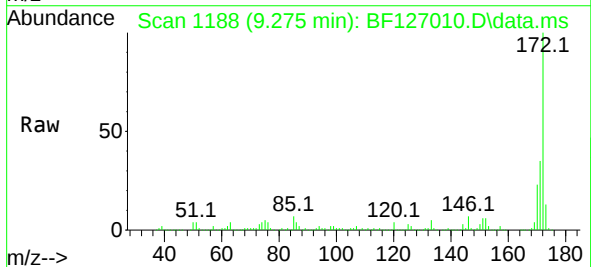
Instrument :
BNA_F
ClientSampleId :
SPN-1

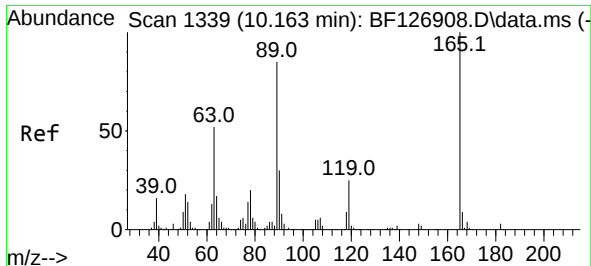
Tgt Ion:330 Resp: 292472
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 35.2 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 91.357 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

Tgt Ion:172 Resp: 1087482
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.4 19.0 28.6

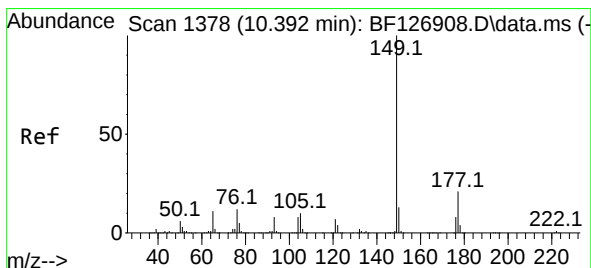
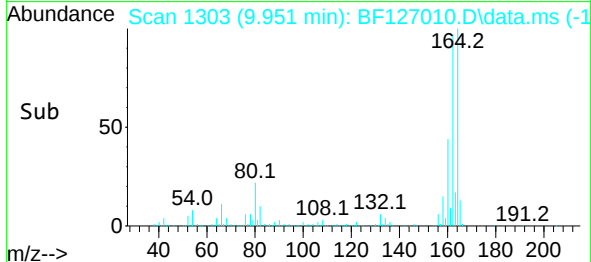
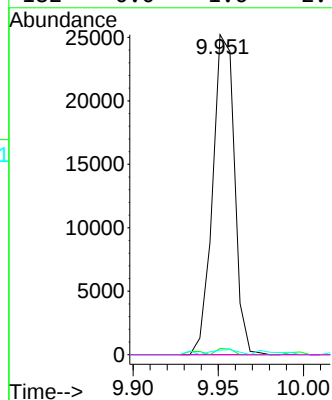
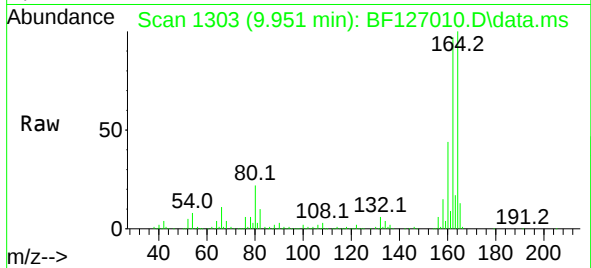




#57
2,4-Dinitrotoluene
Concen: 6.526 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

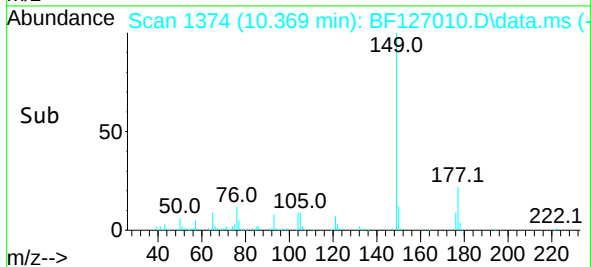
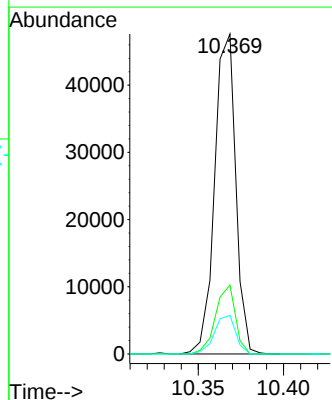
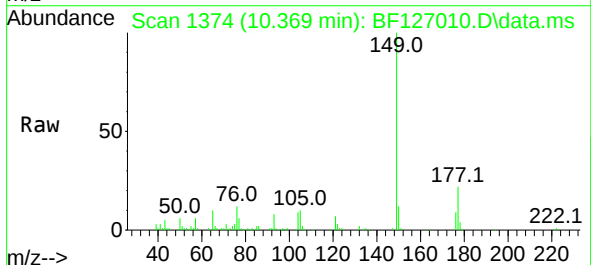
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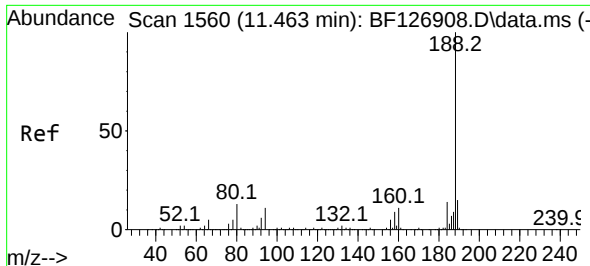
Tgt Ion:165 Resp: 22488
Ion Ratio Lower Upper
165 100
63 2.0 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#



#60
Diethylphthalate
Concen: 3.134 ng
RT: 10.369 min Scan# 1374
Delta R.T. -0.012 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

Tgt Ion:149 Resp: 41025
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.1 9.8 14.8

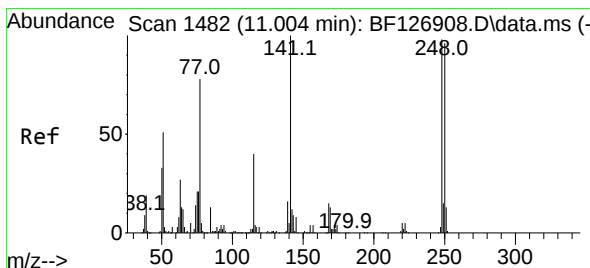
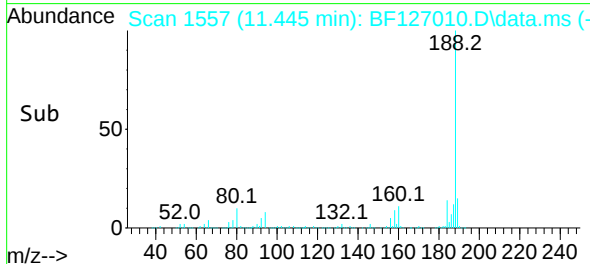
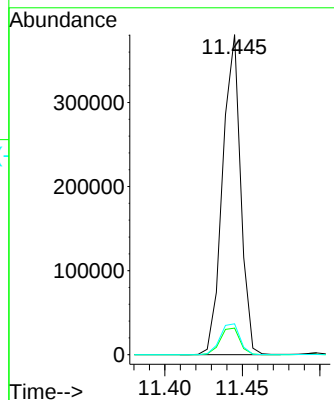
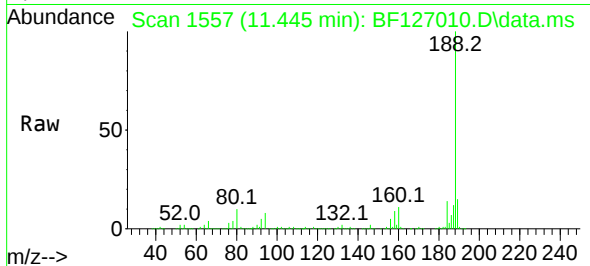




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

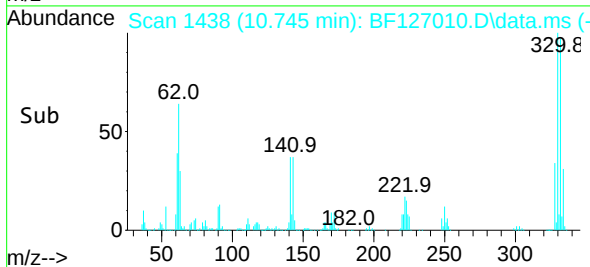
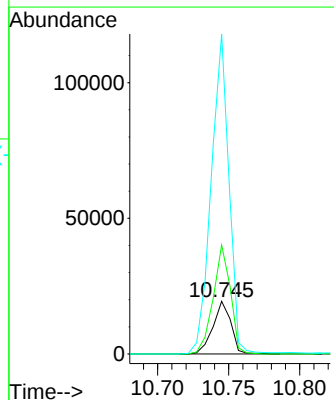
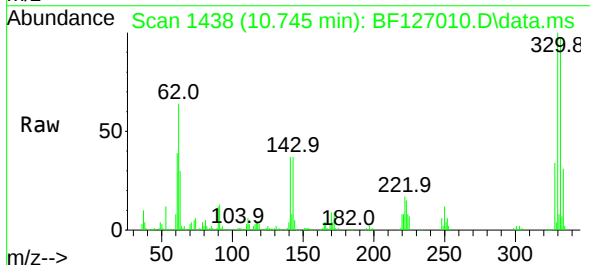
Instrument :
BNA_F
ClientSampleId :
SPN-1

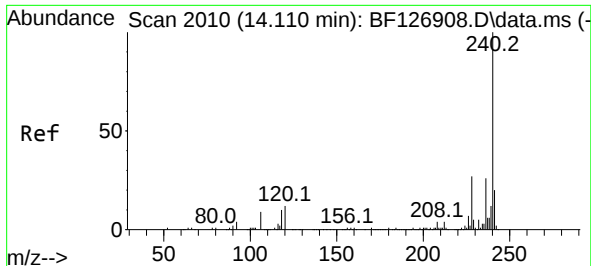
Tgt Ion:188 Resp: 307811
Ion Ratio Lower Upper
188 100
94 8.3 10.1 15.1#
80 9.6 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.981 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

Tgt Ion:248 Resp: 17132
Ion Ratio Lower Upper
248 100
250 207.1 76.2 114.4#
141 608.5 66.2 99.4#

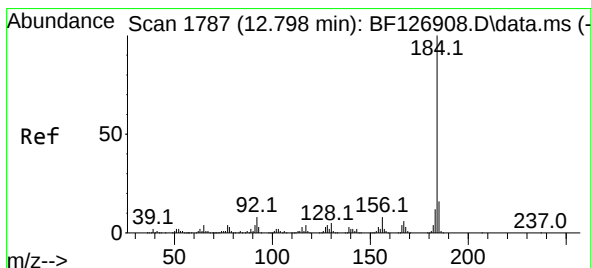
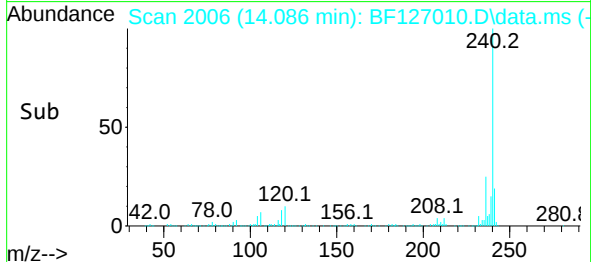
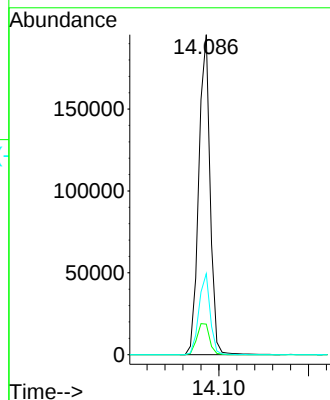
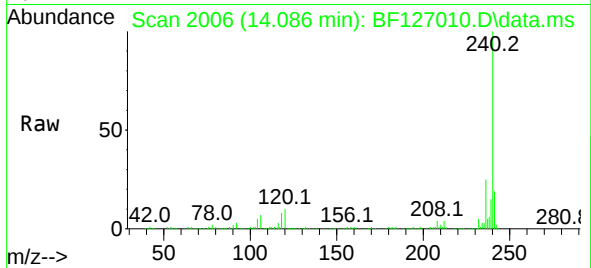




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

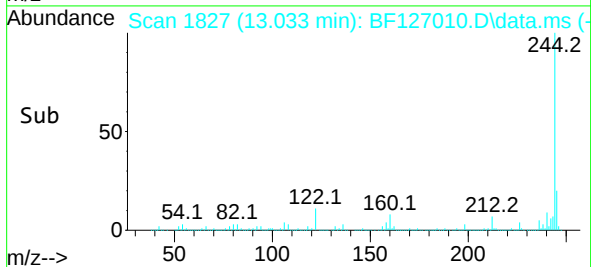
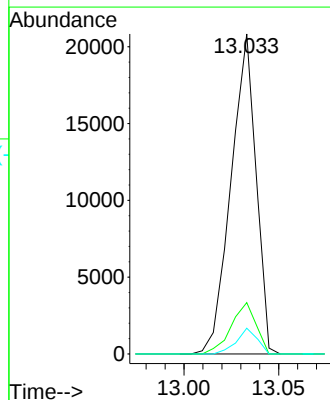
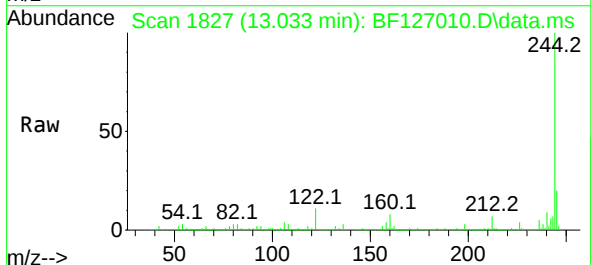
Instrument :
BNA_F
ClientSampleId :
SPN-1

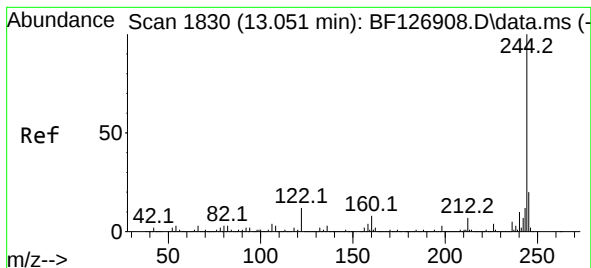
Tgt Ion:240 Resp: 170771
Ion Ratio Lower Upper
240 100
120 9.5 14.4 21.6#
236 25.3 20.5 30.7



#77
Benzidine
Concen: 4.124 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.247 min
Lab File: BF127010.D
Acq: 22 Feb 2022 15:55

Tgt Ion:184 Resp: 19138
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.8
183 8.0 8.2 12.2#





#79

Terphenyl-d14

Concen: 112.248 ng

RT: 13.033 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127010.D

Acq: 22 Feb 2022 15:55

Instrument :

BNA_F

ClientSampleId :

SPN-1

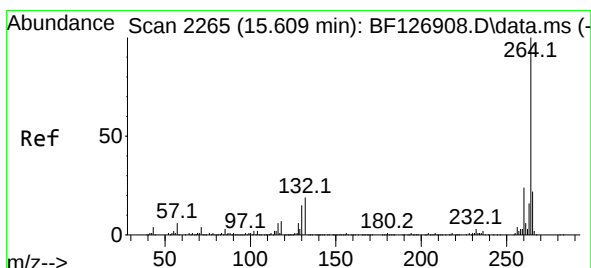
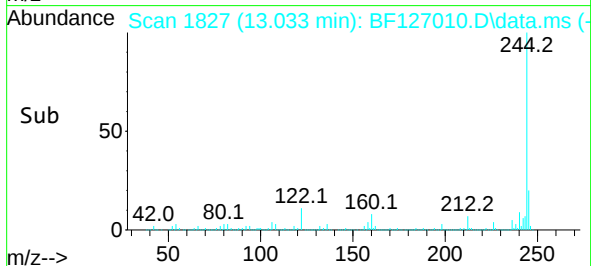
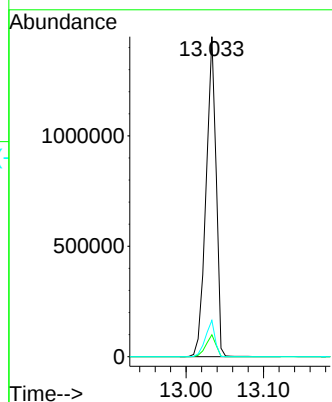
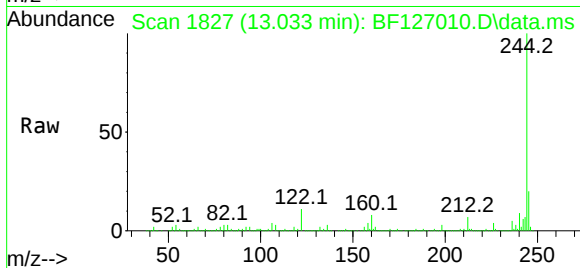
Tgt Ion:244 Resp: 1303955

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 11.4 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2260

Delta R.T. -0.012 min

Lab File: BF127010.D

Acq: 22 Feb 2022 15:55

Tgt Ion:264 Resp: 151705

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 22.1 17.4 26.2

