

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127169.D
 Acq On : 03 Mar 2022 14:08
 Operator : CG\JU
 Sample : PB143033BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143033BL

Quant Time: Mar 03 17:01:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

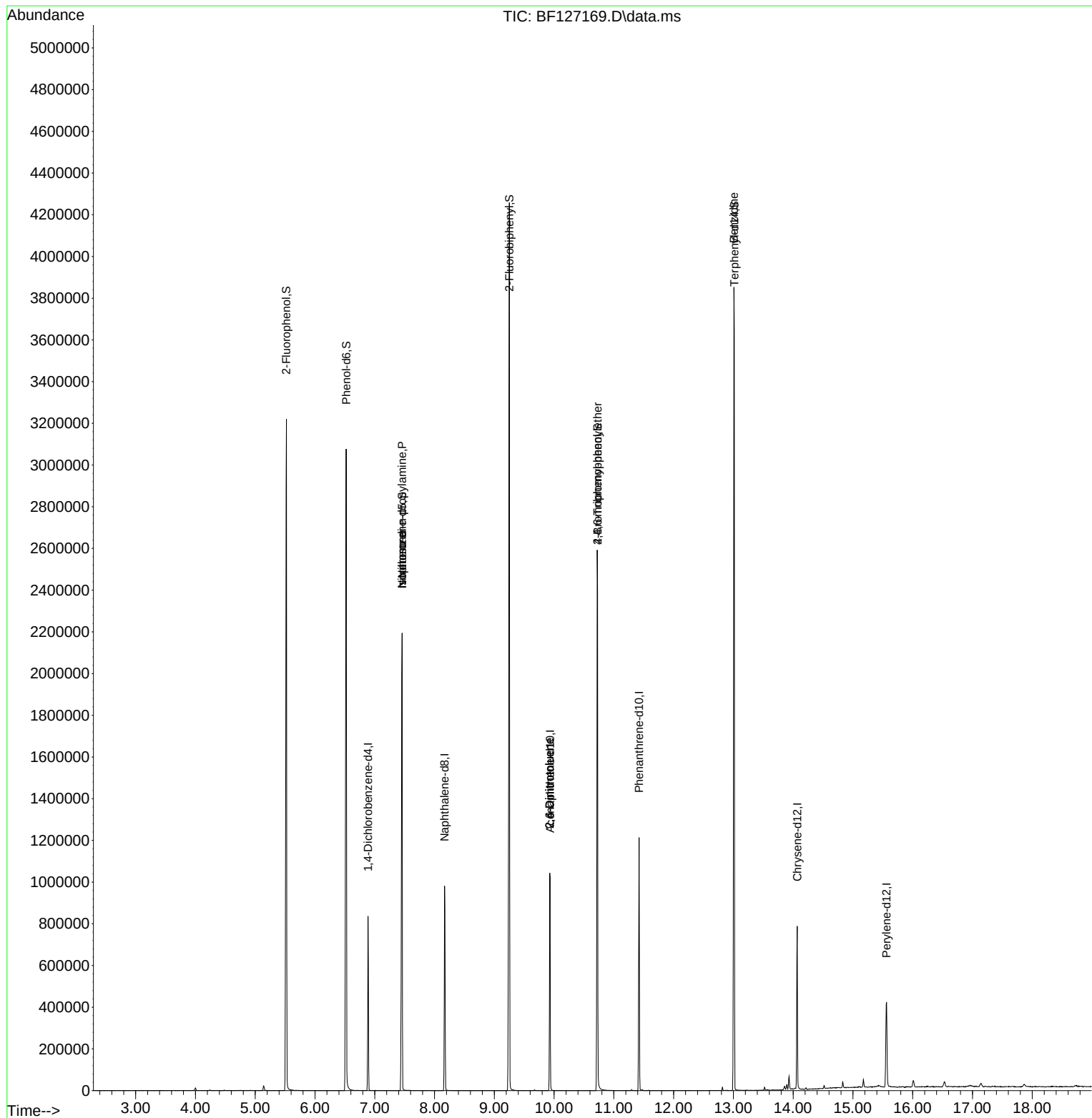
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	108182	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	437900	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	217860	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	383452	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	244653	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	181789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	871287	124.479	ng	0.01
7) Phenol-d6	6.522	99	1131744	119.828	ng	0.00
23) Nitrobenzene-d5	7.457	82	785455	80.962	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	344989	137.536	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1256943	84.936	ng	0.00
79) Terphenyl-d14	13.015	244	1432088	86.049	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	106123	17.437	ng	# 74
25) Isophorone	7.457	82	785445	48.927	ng	# 69
51) 2,6-Dinitrotoluene	9.927	165	28145	8.883	ng	# 22
57) 2,4-Dinitrotoluene	9.927	165	28145	6.570	ng	# 15
67) 4-Bromophenyl-phenylether	10.727	248	19936	4.653	ng	# 1
77) Benzidine	13.010	184	20569	3.094	ng	# 95

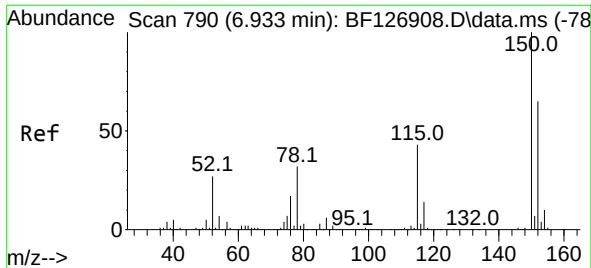
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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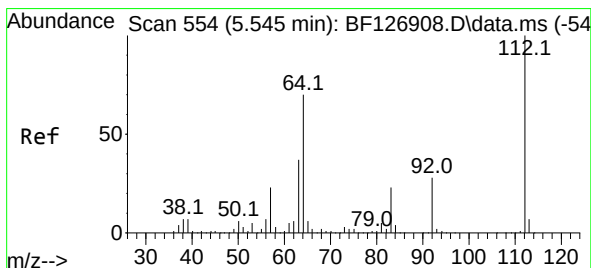
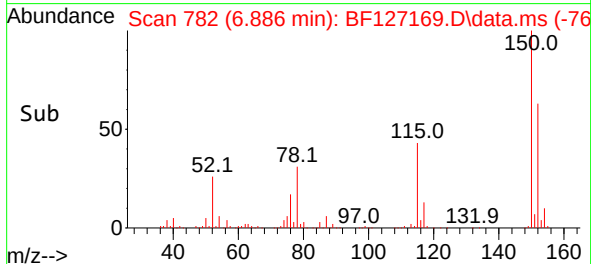
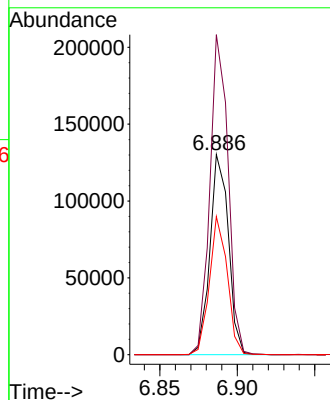
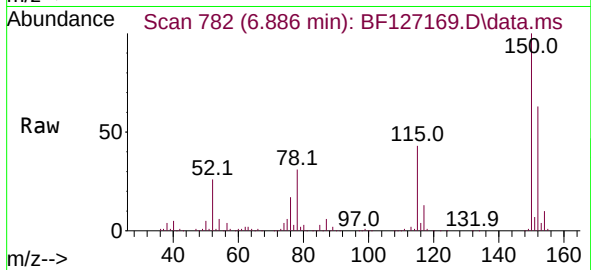




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

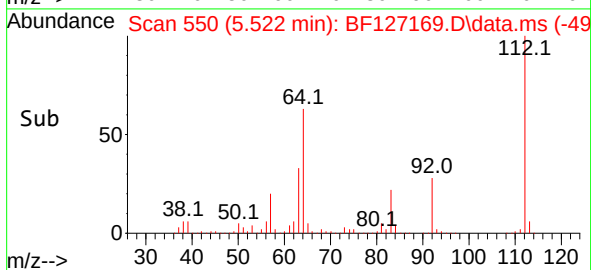
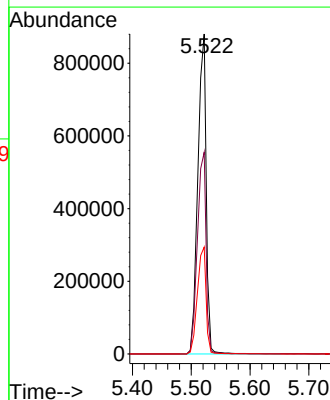
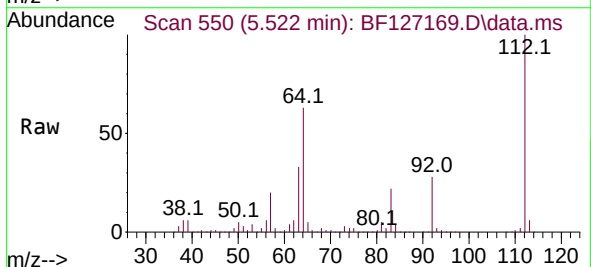
Instrument :
BNA_F
ClientSampleId :
PB143033BL

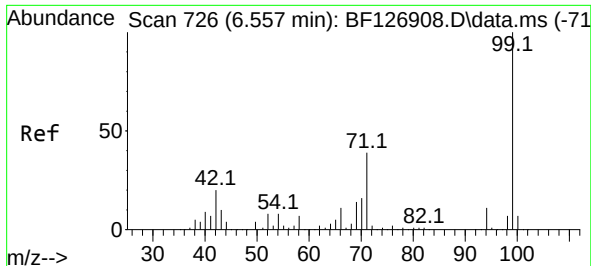
Tgt Ion:152 Resp: 108182
Ion Ratio Lower Upper
152 100
150 159.9 128.1 192.1
115 69.0 56.7 85.1



#5
2-Fluorophenol
Concen: 124.479 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

Tgt Ion:112 Resp: 871287
Ion Ratio Lower Upper
112 100
64 63.0 49.5 74.3
63 33.4 23.9 35.9

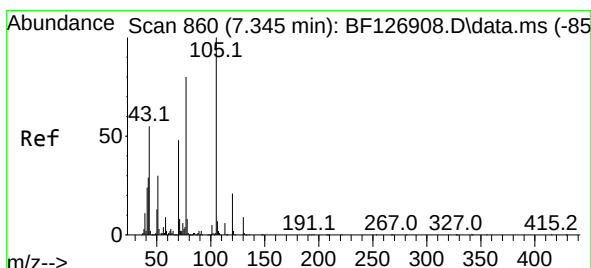
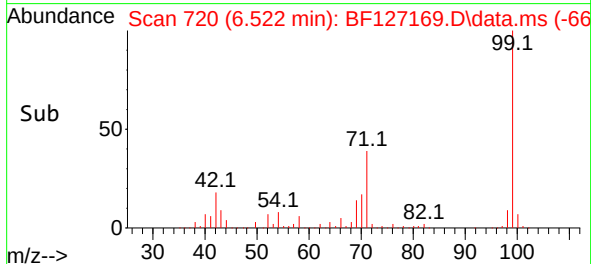
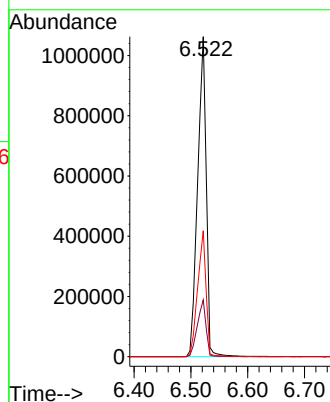
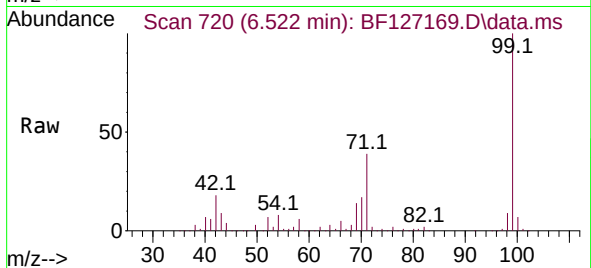




#7
Phenol-d6
Concen: 119.828 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

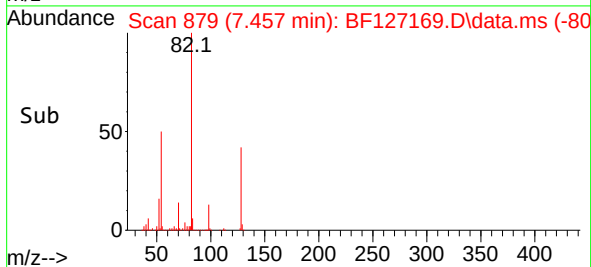
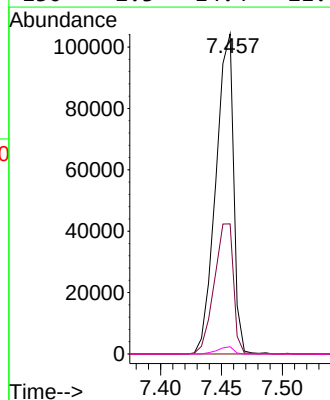
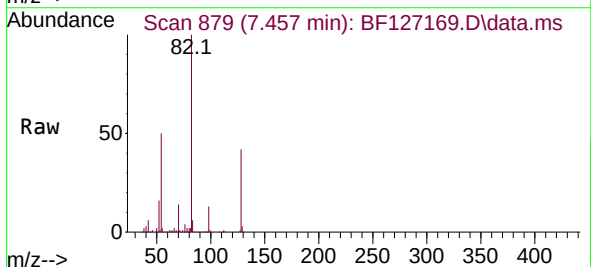
Instrument :
BNA_F
ClientSampleId :
PB143033BL

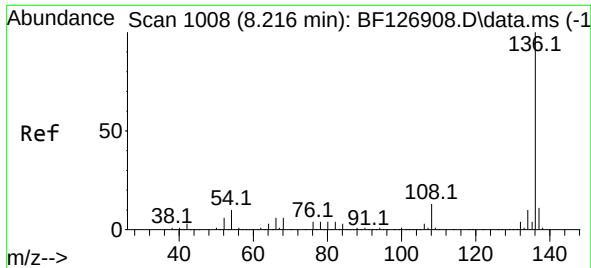
Tgt Ion: 99 Resp: 1131744
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 39.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.437 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.153 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

Tgt Ion: 70 Resp: 106123
Ion Ratio Lower Upper
70 100
42 40.6 45.8 68.8#
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#

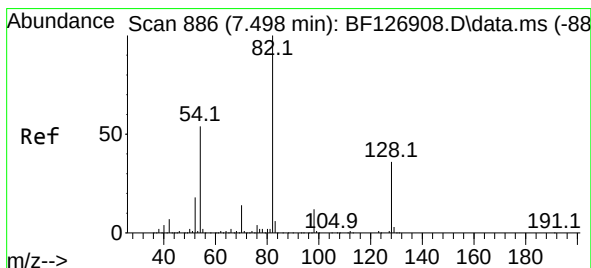
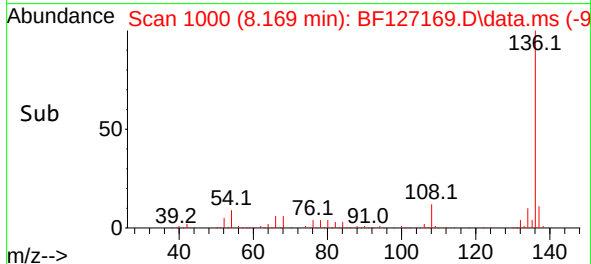
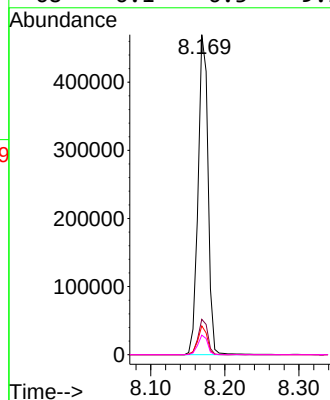
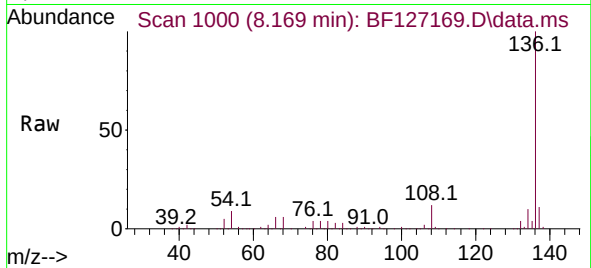




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

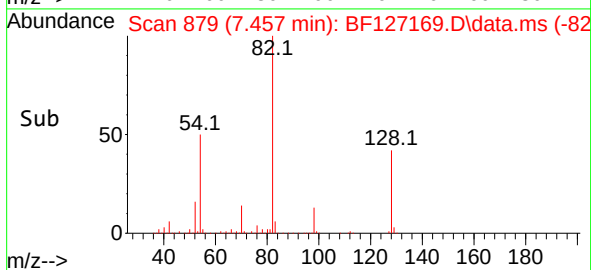
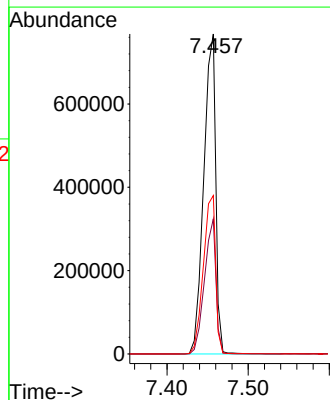
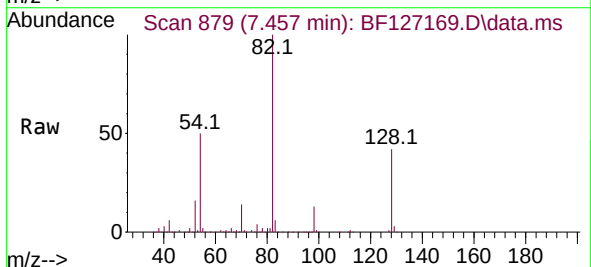
Instrument :
BNA_F
ClientSampleId :
PB143033BL

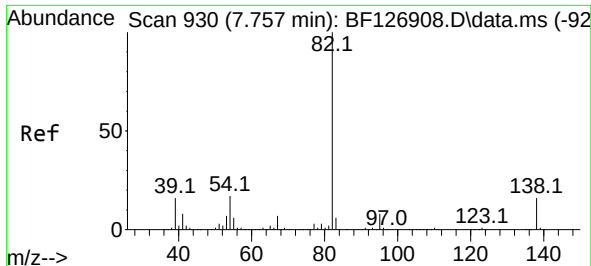
Tgt Ion:136 Resp: 437900
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.0 7.8 11.6
68 6.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 80.962 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

Tgt Ion: 82 Resp: 785455
Ion Ratio Lower Upper
82 100
128 42.2 32.7 49.1
54 49.5 41.7 62.5

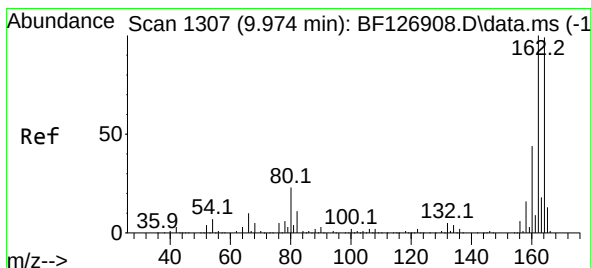
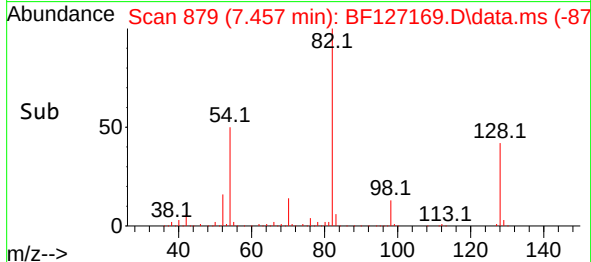
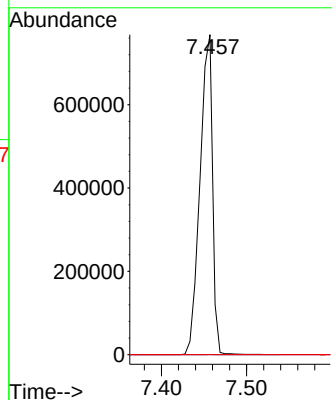
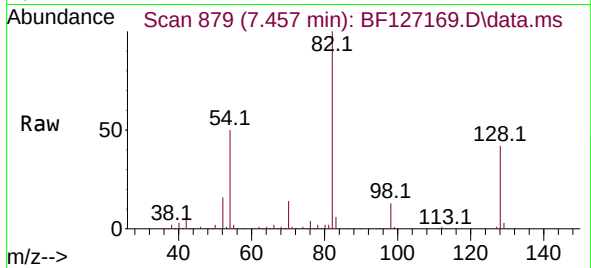




#25
Isophorone
Concen: 48.927 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

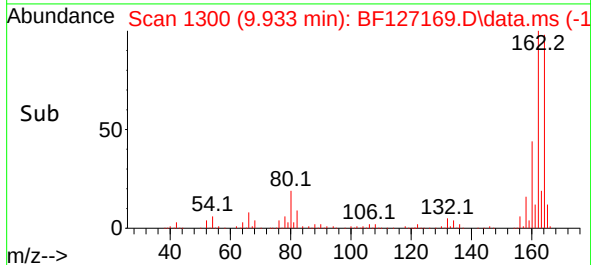
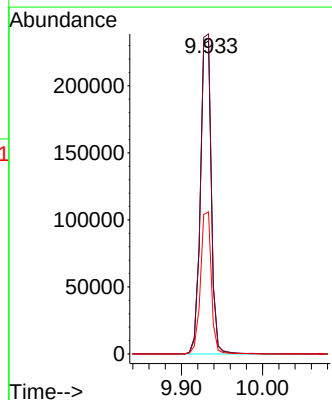
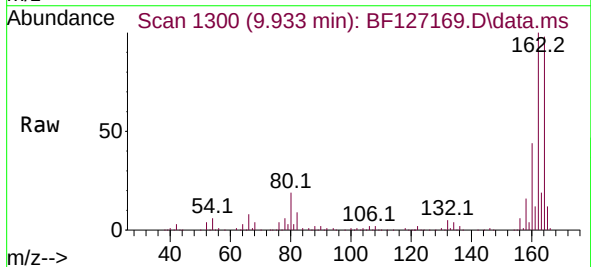
Instrument :
BNA_F
ClientSampleId :
PB143033BL

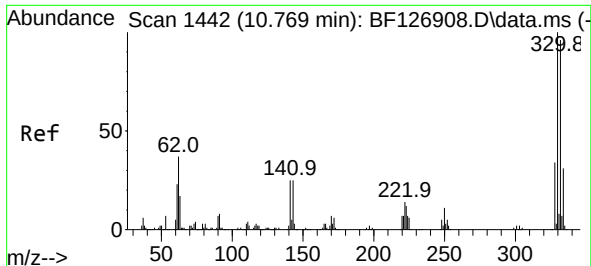
Tgt Ion: 82 Resp: 785445
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

Tgt Ion: 164 Resp: 217860
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 45.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 137.536 ng

RT: 10.727 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127169.D

Acq: 03 Mar 2022 14:08

Instrument :

BNA_F

ClientSampleId :

PB143033BL

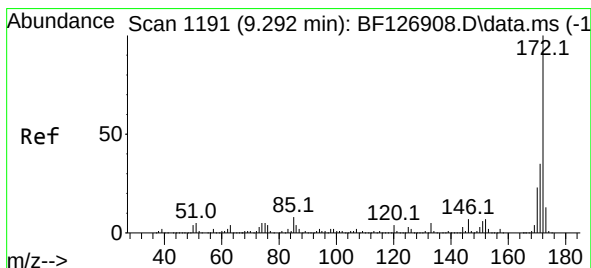
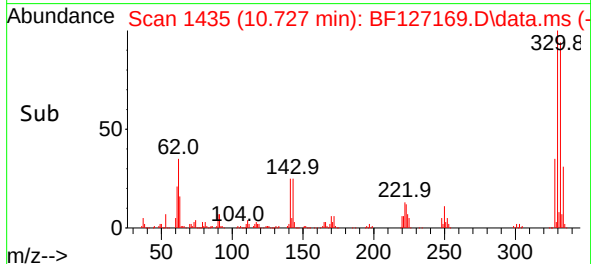
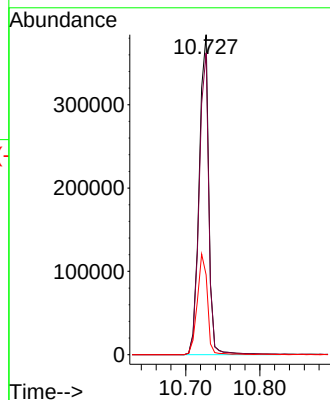
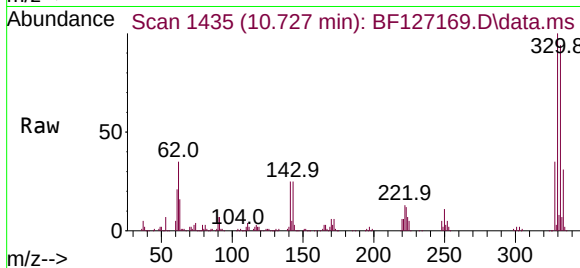
Tgt Ion:330 Resp: 344989

Ion Ratio Lower Upper

330 100

332 94.8 76.0 114.0

141 33.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 84.936 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127169.D

Acq: 03 Mar 2022 14:08

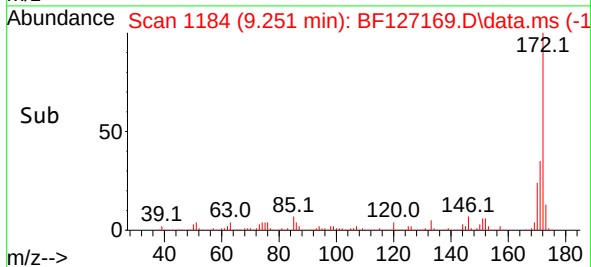
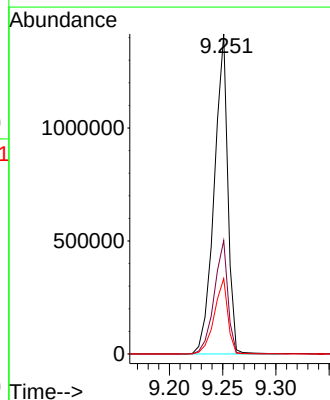
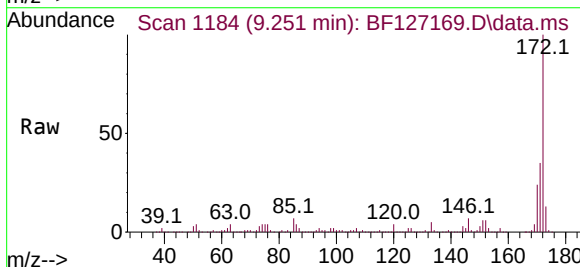
Tgt Ion:172 Resp: 1256943

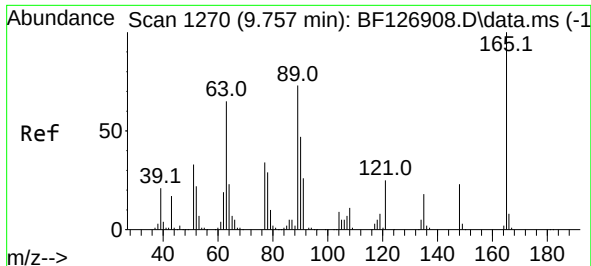
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 19.0 28.6

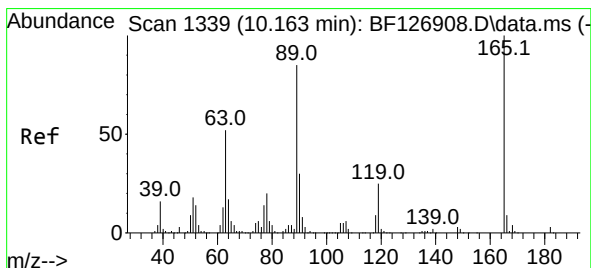
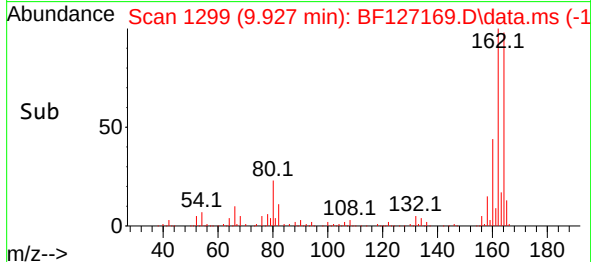
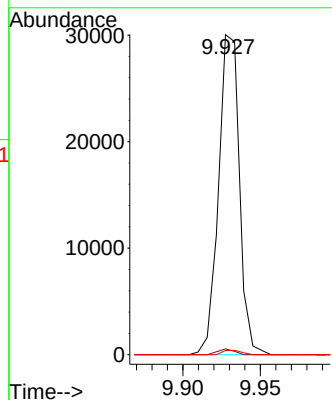
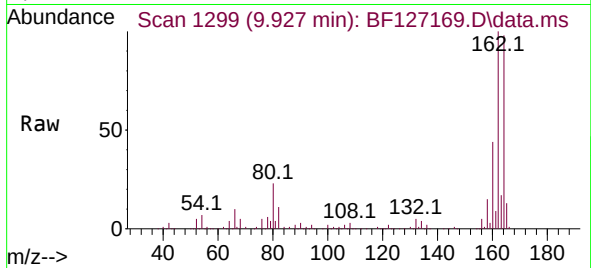




#51
2,6-Dinitrotoluene
Concen: 8.883 ng
RT: 9.927 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

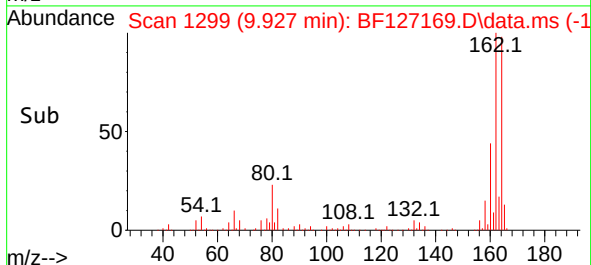
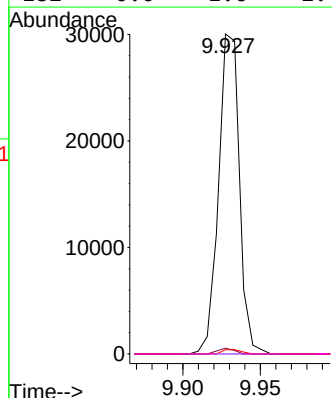
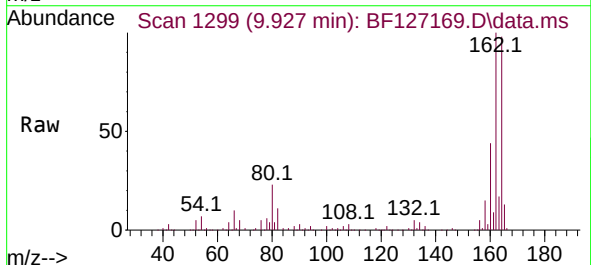
Instrument :
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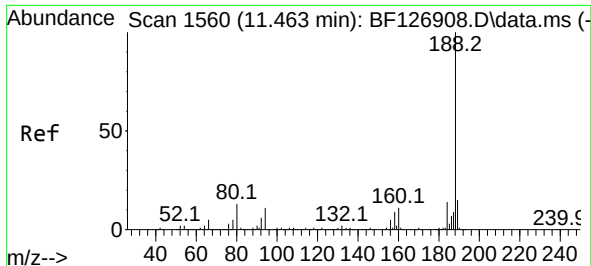
Tgt Ion:165 Resp: 28145
Ion Ratio Lower Upper
165 100
63 1.8 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.570 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

Tgt Ion:165 Resp: 28145
Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#

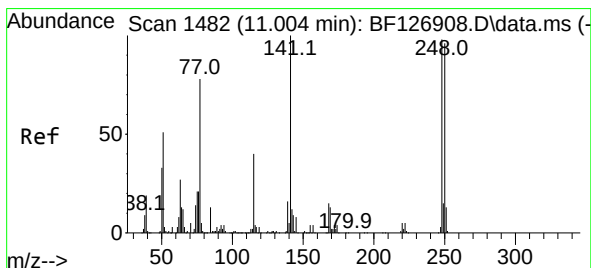
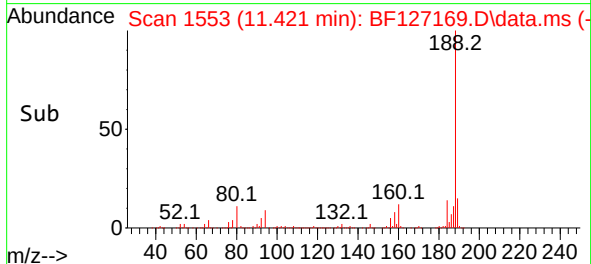
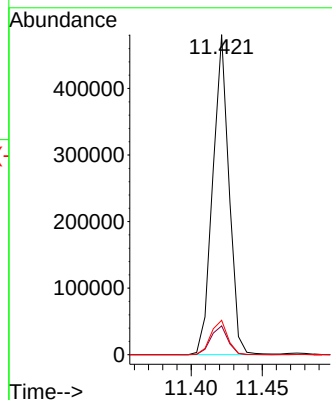
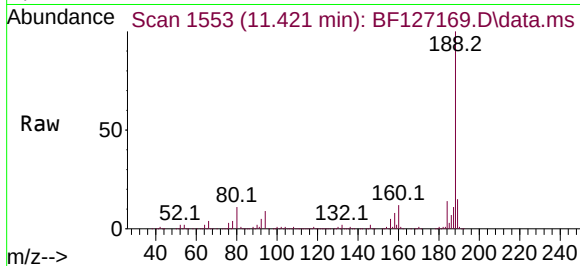




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

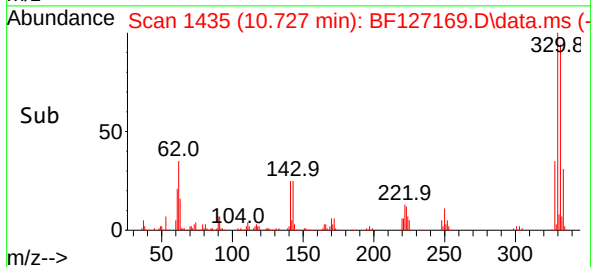
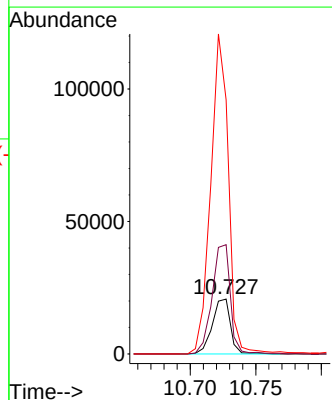
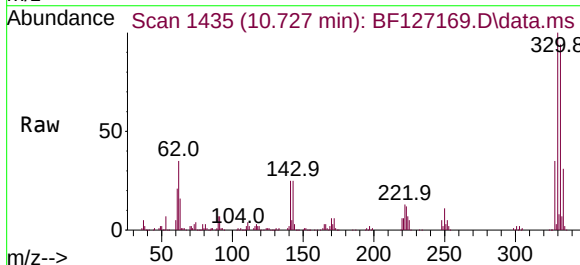
Instrument :
BNA_F
ClientSampleId :
PB143033BL

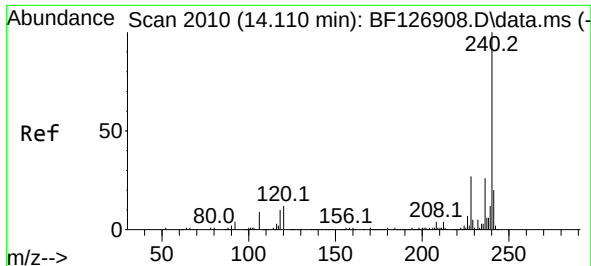
Tgt Ion:188 Resp: 383452
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1#
80 10.8 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.653 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

Tgt Ion:248 Resp: 19936
Ion Ratio Lower Upper
248 100
250 198.7 76.2 114.4#
141 462.3 66.2 99.4#

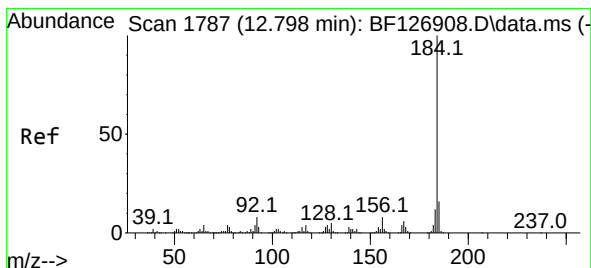
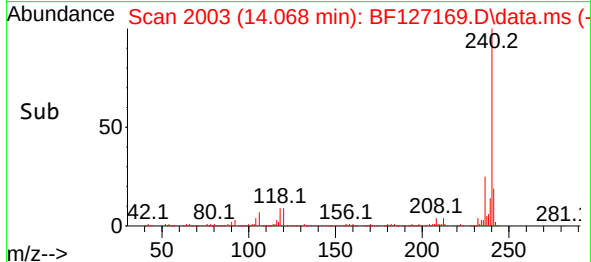
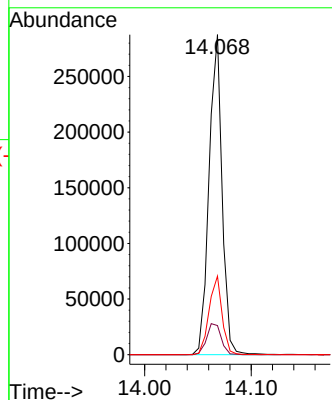
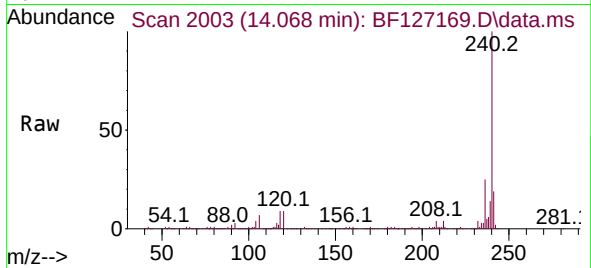




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

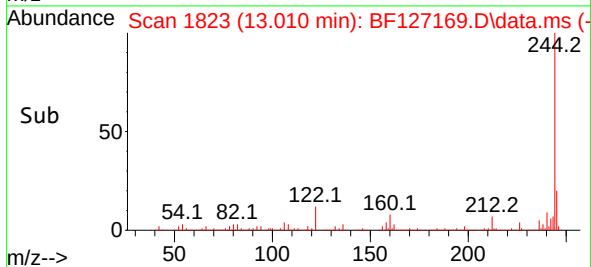
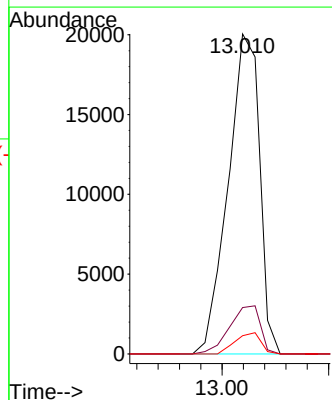
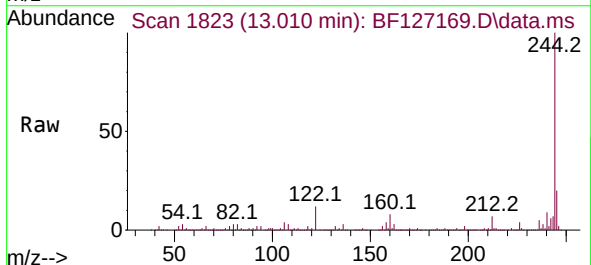
Instrument :
BNA_F
ClientSampleId :
PB143033BL

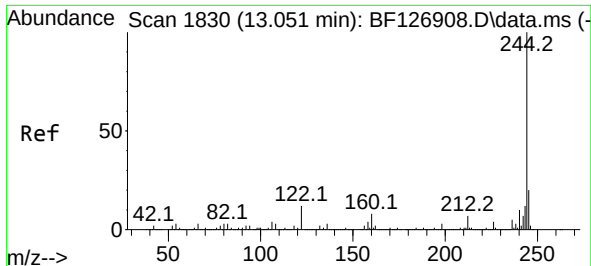
Tgt Ion:240 Resp: 244653
Ion Ratio Lower Upper
240 100
120 9.1 14.4 21.6#
236 24.5 20.5 30.7



#77
Benzidine
Concen: 3.094 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.247 min
Lab File: BF127169.D
Acq: 03 Mar 2022 14:08

Tgt Ion:184 Resp: 20569
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.8
183 5.7 8.2 12.2#

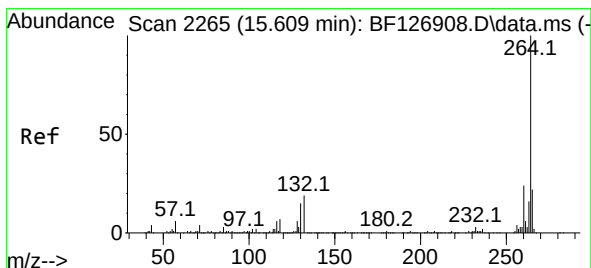
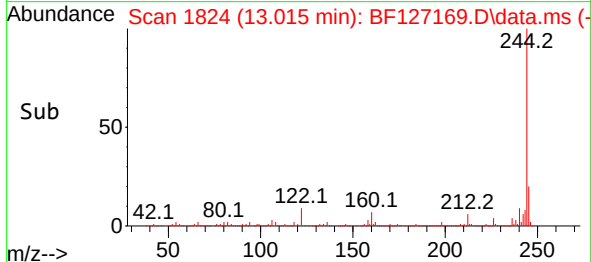
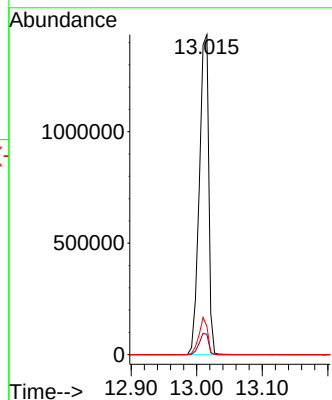
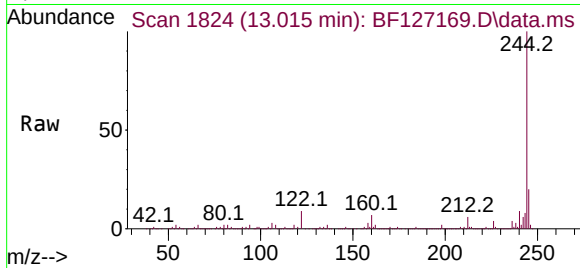




#79
 Terphenyl-d14
 Concen: 86.049 ng
 RT: 13.015 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127169.D
 Acq: 03 Mar 2022 14:08

Instrument :
 BNA_F
 ClientSampleId :
 PB143033BL

Tgt Ion:244 Resp: 1432088
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 8.8 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.006 min
 Lab File: BF127169.D
 Acq: 03 Mar 2022 14:08

Tgt Ion:264 Resp: 181789
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 19.9 17.4 26.2

