

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126811.D
 Acq On : 04 Feb 2022 15:22
 Operator : CG/JU
 Sample : N1381-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-06(38-40)-02-01-22

Quant Time: Feb 04 23:53:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

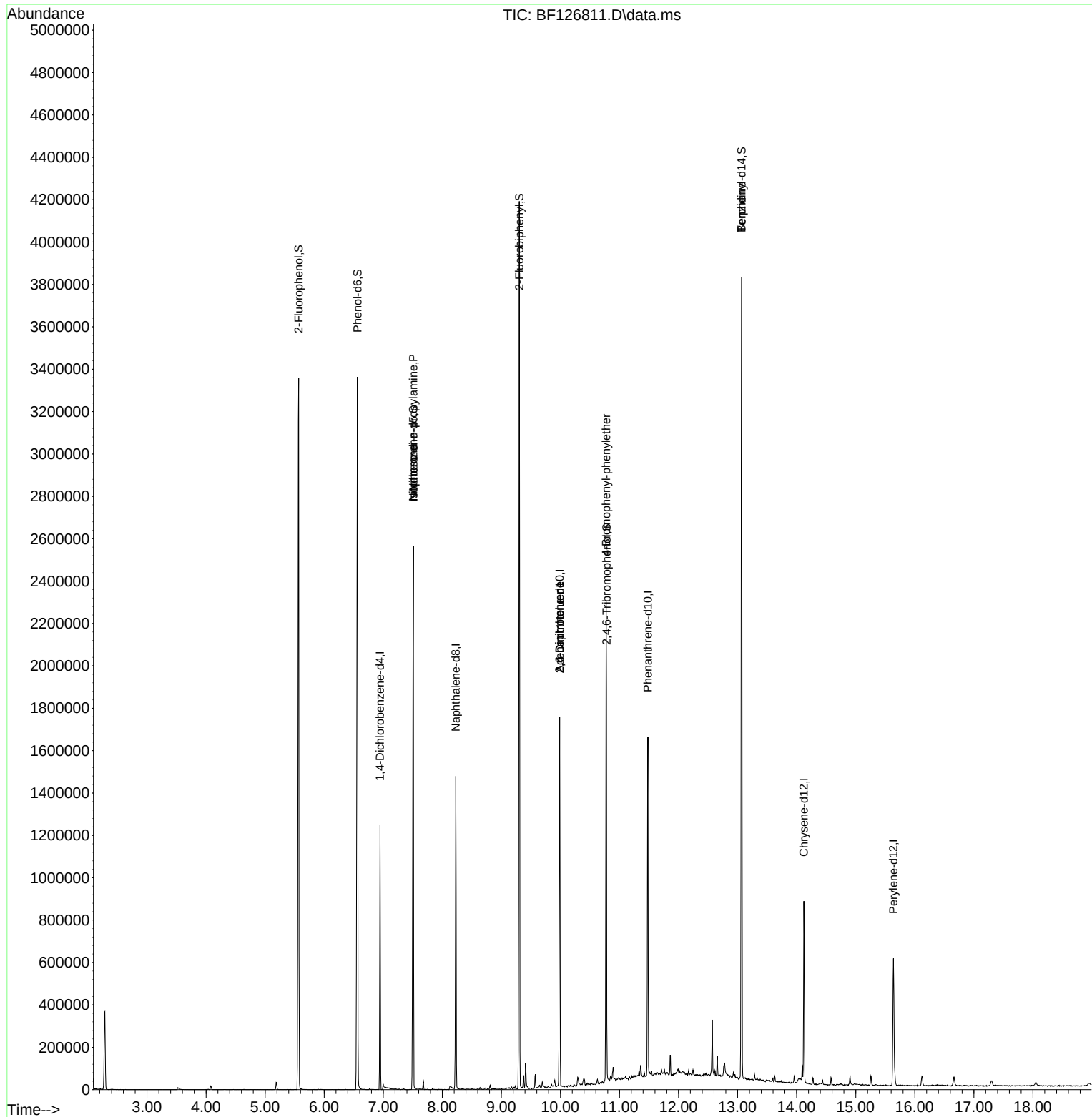
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	145797	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	563707	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	311066	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	533185	20.000	ng	0.00
76) Chrysene-d12	14.121	240	273599	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	261328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	997336	93.693	ng	0.00
7) Phenol-d6	6.563	99	1370140	93.052	ng	0.00
23) Nitrobenzene-d5	7.510	82	957464	63.567	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	259085	80.253	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1222424	65.071	ng	0.00
79) Terphenyl-d14	13.068	244	1185258	72.469	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	126301	13.026	ng	# 67
25) Isophorone	7.510	82	952851	36.860	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	40532	9.177	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	40532	6.771	ng	# 15
67) 4-Bromophenyl-phenylether	10.774	248	16988	2.784	ng	# 1
77) Benzidine	13.068	184	15921	2.537	ng	97

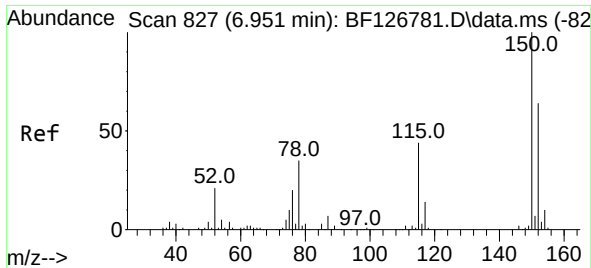
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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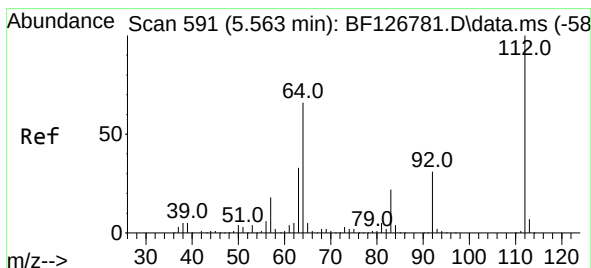
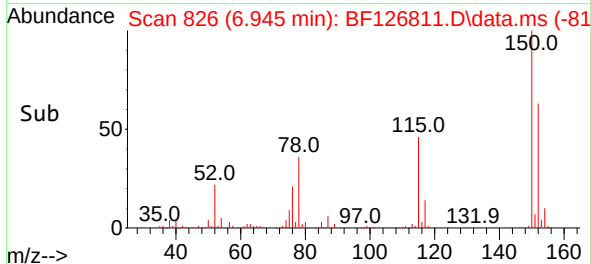
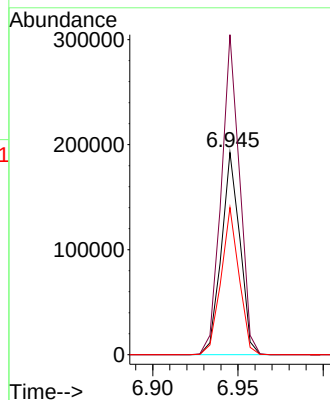
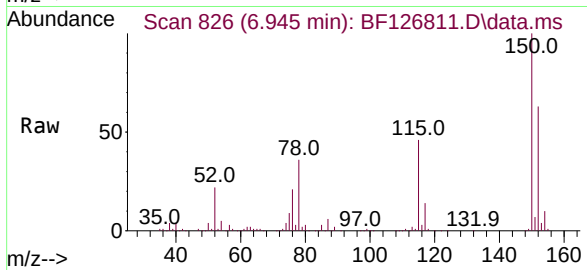




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

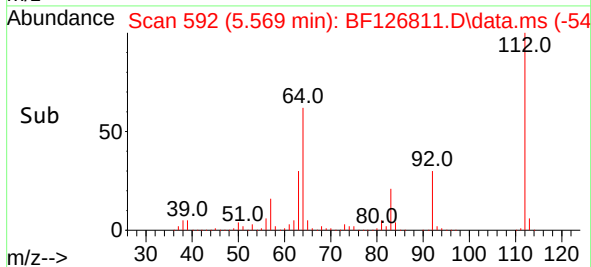
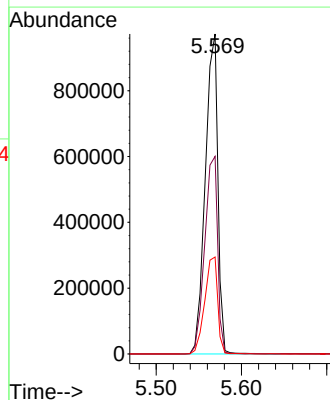
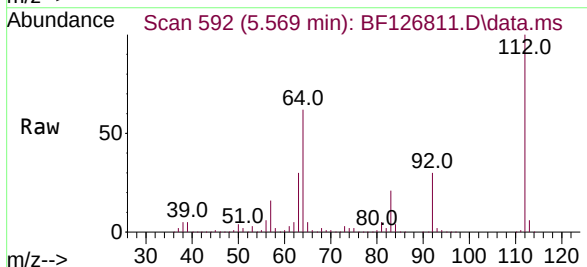
Instrument :
BNA_F
ClientSampleId :
DB-06(38-40)-02-01-22

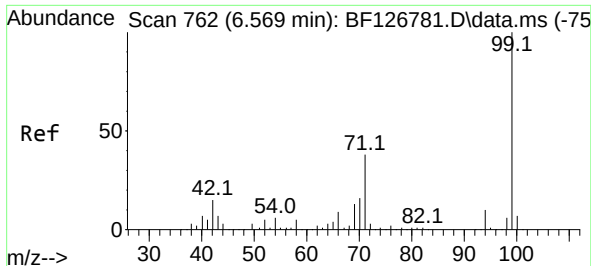
Tgt Ion:152 Resp: 145797
Ion Ratio Lower Upper
152 100
150 158.2 128.1 192.1
115 72.7 56.7 85.1



#5
2-Fluorophenol
Concen: 93.693 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.006 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

Tgt Ion:112 Resp: 997336
Ion Ratio Lower Upper
112 100
64 61.8 49.5 74.3
63 30.3 23.9 35.9

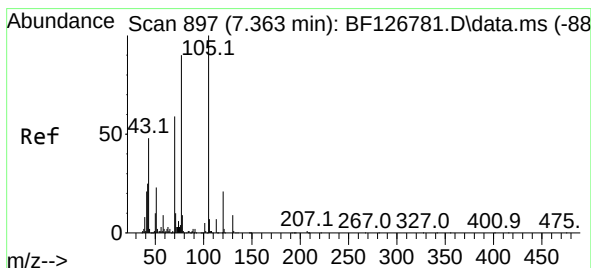
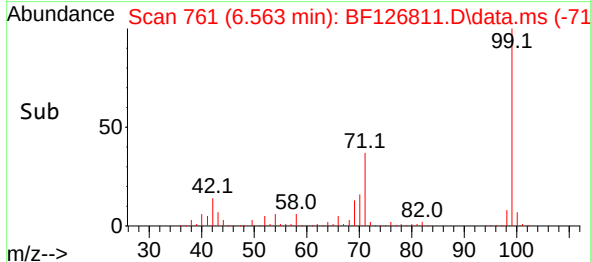
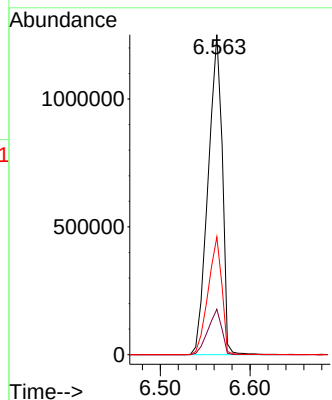
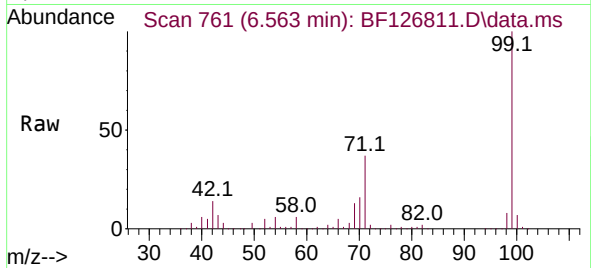




#7
Phenol-d6
Concen: 93.052 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

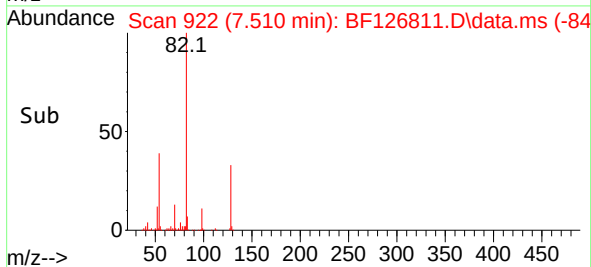
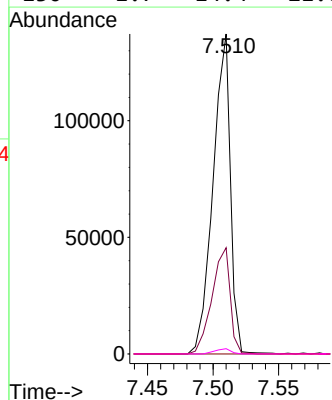
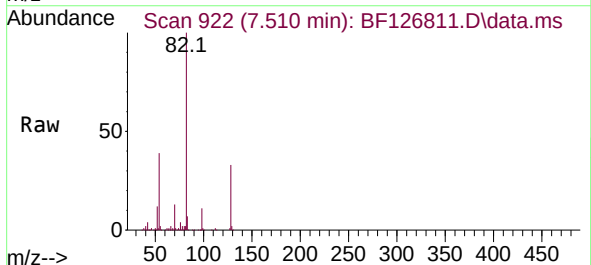
Instrument :
BNA_F
ClientSampleId :
DB-06(38-40)-02-01-22

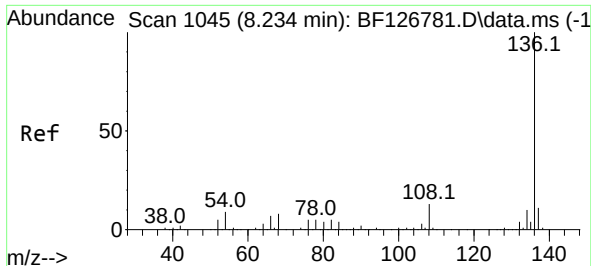
Tgt Ion: 99 Resp: 1370140
Ion Ratio Lower Upper
99 100
42 14.2 14.2 21.4#
71 36.8 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.026 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

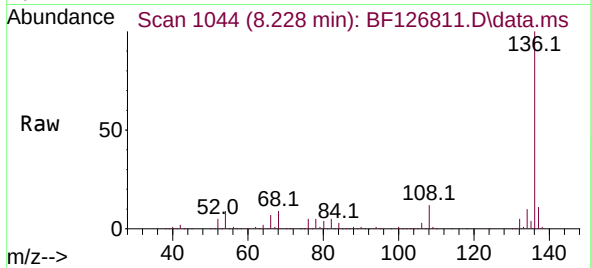
Tgt Ion: 70 Resp: 126301
Ion Ratio Lower Upper
70 100
42 33.2 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



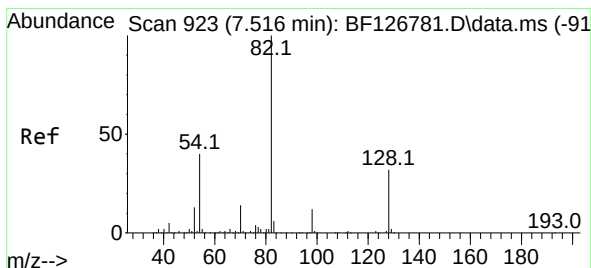
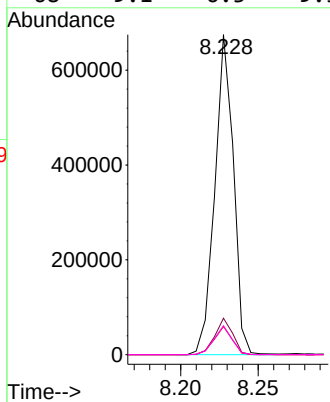
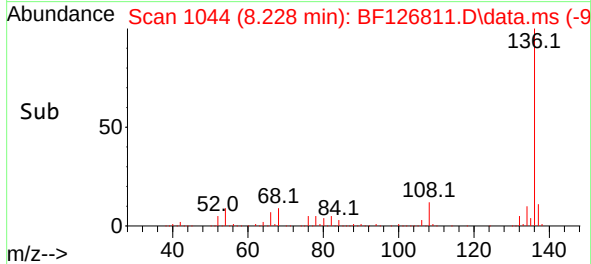


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

Instrument :
BNA_F
ClientSampleId :
DB-06(38-40)-02-01-22

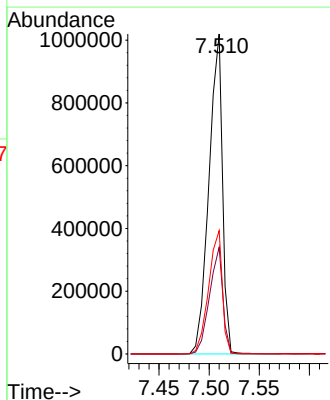
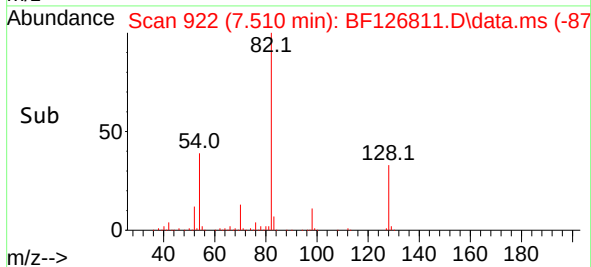
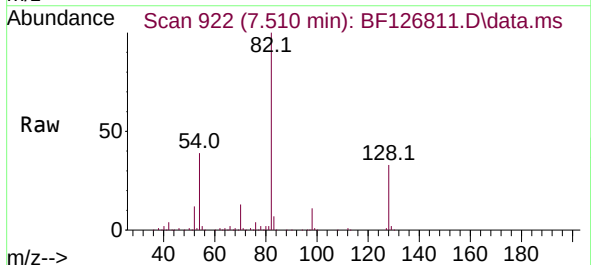


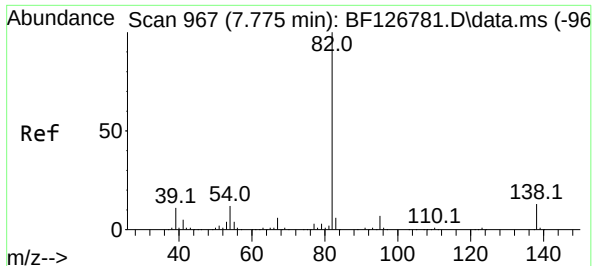
Tgt Ion:136 Resp: 563707
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 8.8 7.8 11.6
68 9.1 6.3 9.5



#23
Nitrobenzene-d5
Concen: 63.567 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

Tgt Ion: 82 Resp: 957464
Ion Ratio Lower Upper
82 100
128 33.4 32.7 49.1
54 38.5 41.7 62.5#

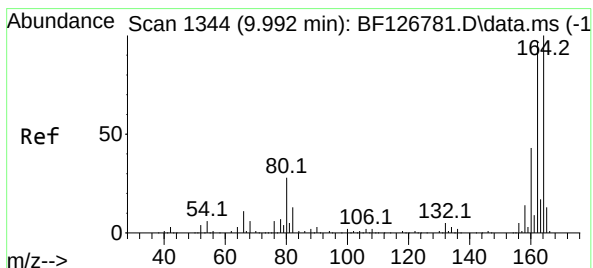
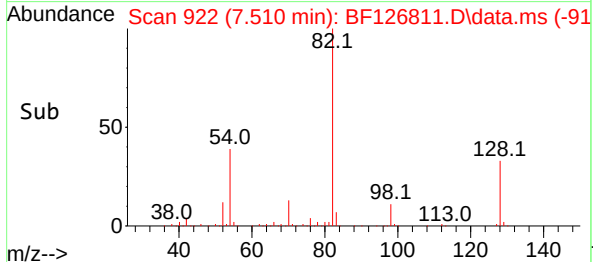
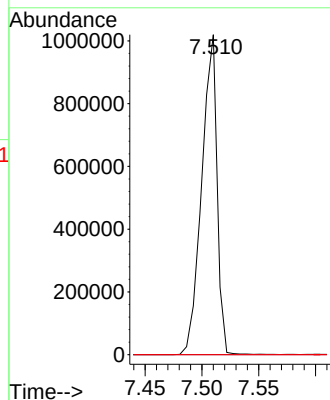
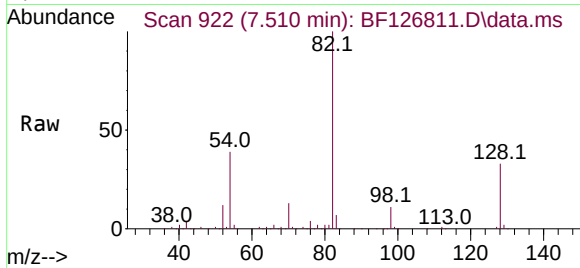




#25
Isophorone
Concen: 36.860 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

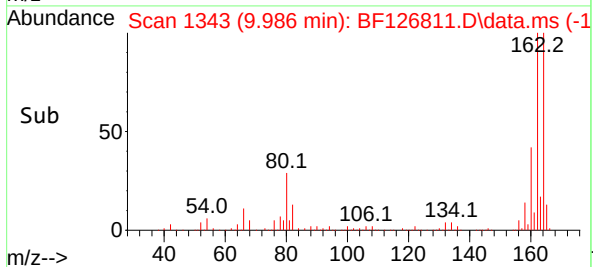
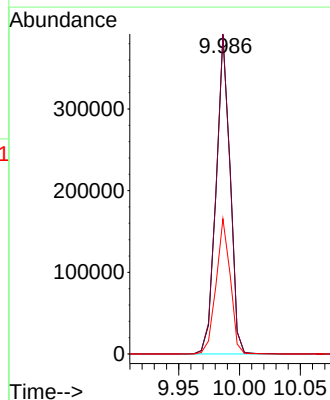
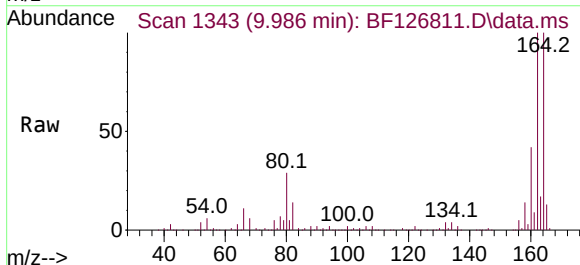
Instrument :
BNA_F
ClientSampleId :
DB-06(38-40)-02-01-22

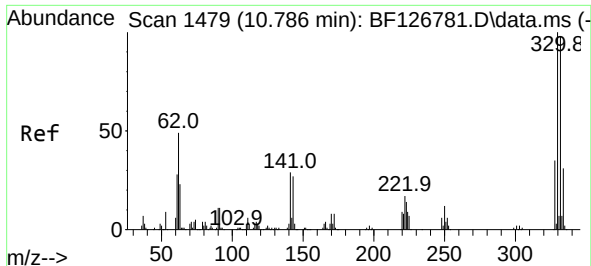
Tgt Ion: 82 Resp: 952851
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

Tgt Ion: 164 Resp: 311066
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 42.4 36.6 54.8

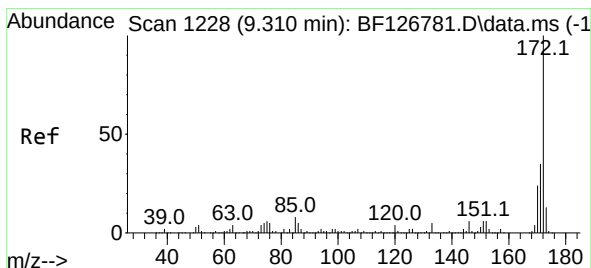
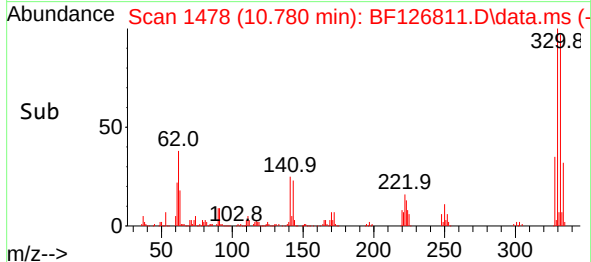
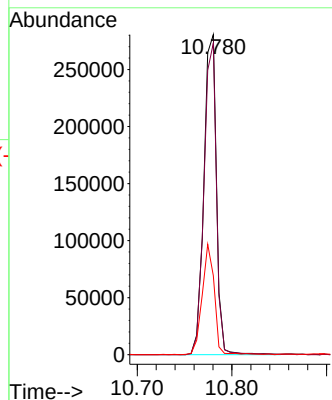
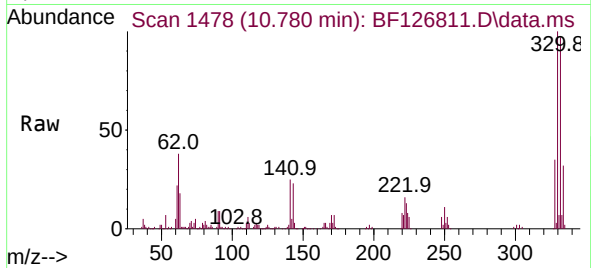




#42
2,4,6-Tribromophenol
Concen: 80.253 ng
RT: 10.780 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

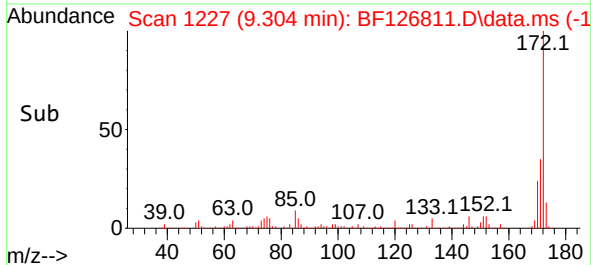
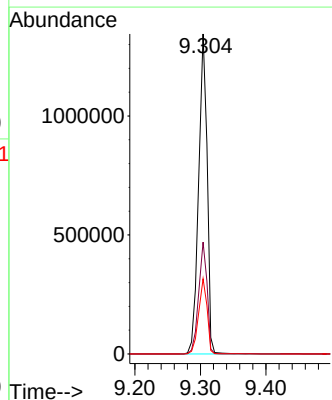
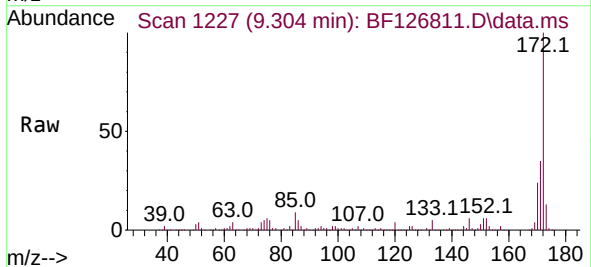
Instrument :
BNA_F
ClientSampleId :
DB-06(38-40)-02-01-22

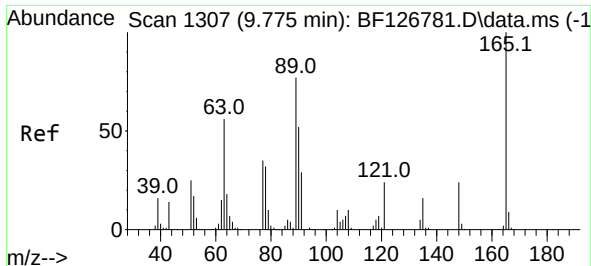
Tgt Ion:330 Resp: 259085
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 33.6 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 65.071 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

Tgt Ion:172 Resp: 1222424
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.177 ng

RT: 9.986 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF126811.D

Acq: 04 Feb 2022 15:22

Instrument :

BNA_F

ClientSampleId :

DB-06(38-40)-02-01-22

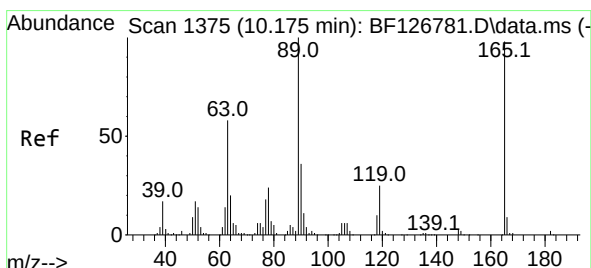
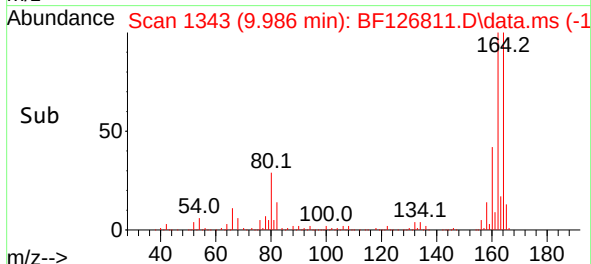
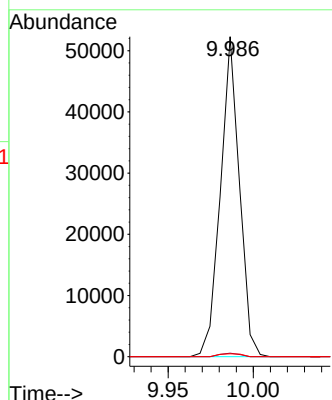
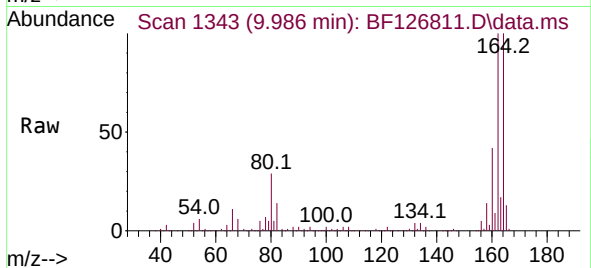
Tgt Ion:165 Resp: 40532

Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 0.9 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.771 ng

RT: 9.986 min Scan# 1343

Delta R.T. -0.188 min

Lab File: BF126811.D

Acq: 04 Feb 2022 15:22

Tgt Ion:165 Resp: 40532

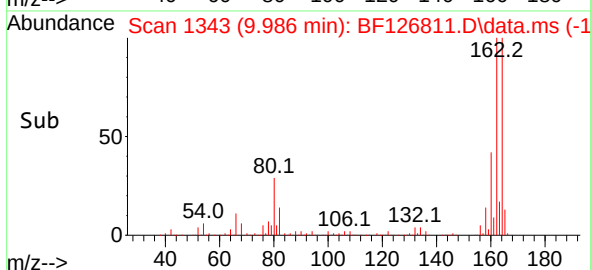
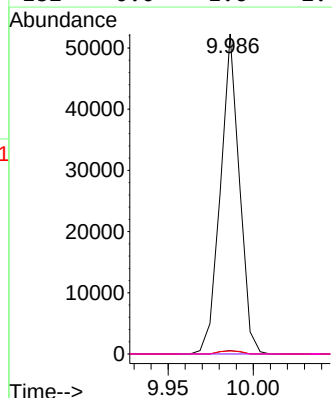
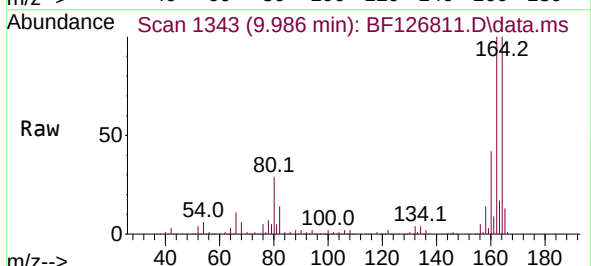
Ion Ratio Lower Upper

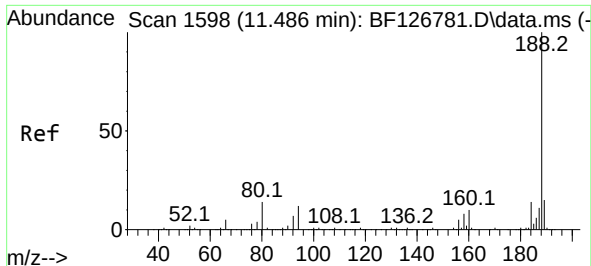
165 100

63 1.1 43.0 64.6#

89 0.9 71.0 106.4#

182 0.0 1.6 2.4#

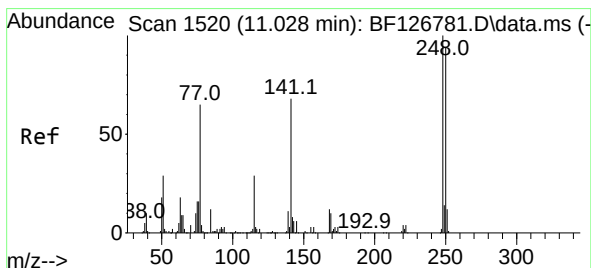
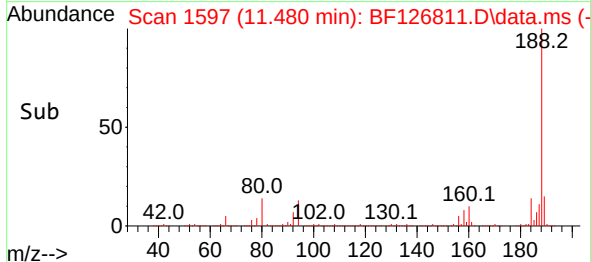
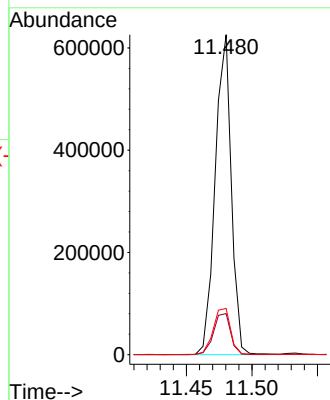
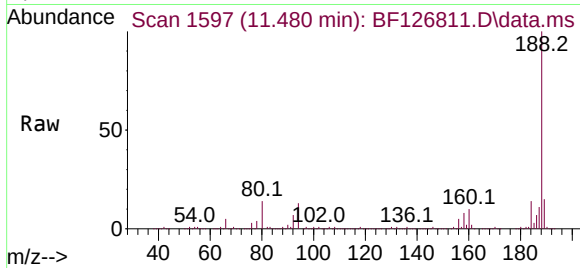




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

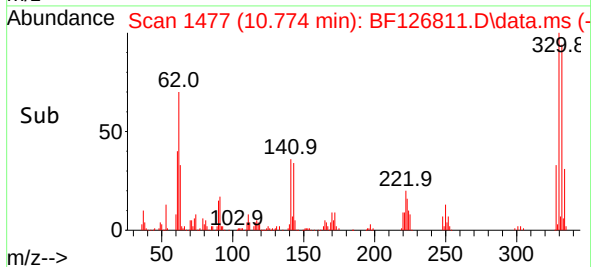
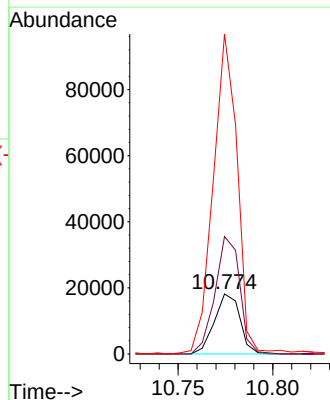
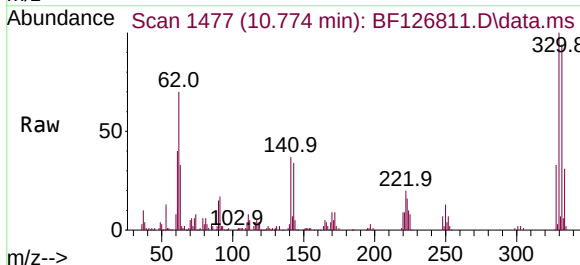
Instrument :
BNA_F
ClientSampleId :
DB-06(38-40)-02-01-22

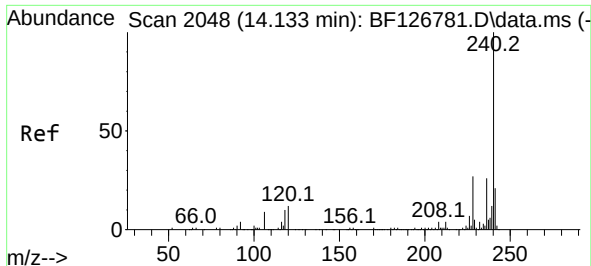
Tgt Ion:188 Resp: 533185
Ion Ratio Lower Upper
188 100
94 12.8 10.1 15.1
80 14.5 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 2.784 ng
RT: 10.774 min Scan# 1477
Delta R.T. -0.253 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

Tgt Ion:248 Resp: 16988
Ion Ratio Lower Upper
248 100
250 195.5 76.2 114.4#
141 533.0 66.2 99.4#

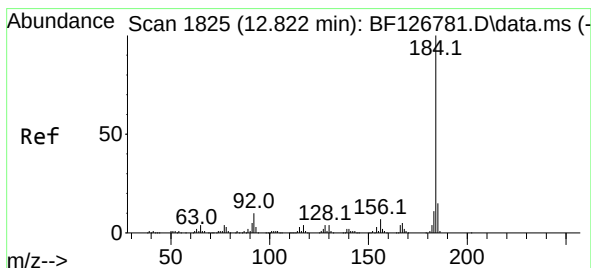
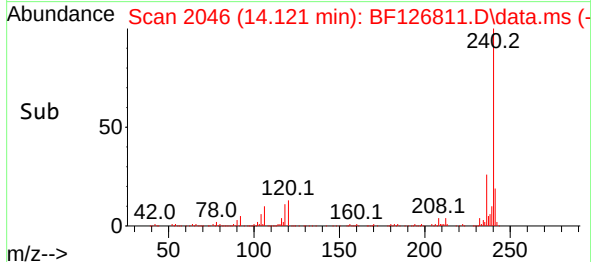
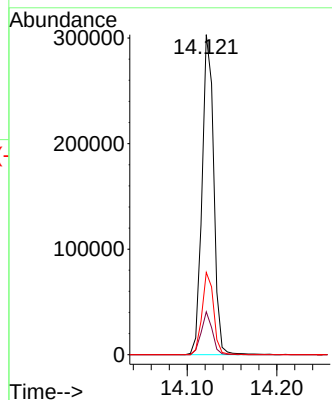
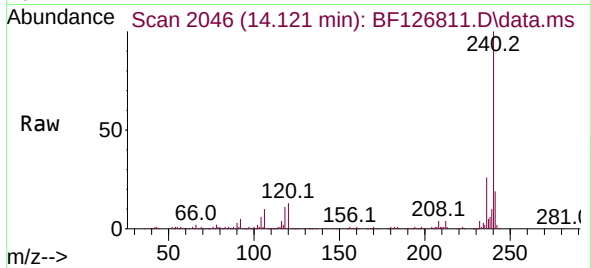




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

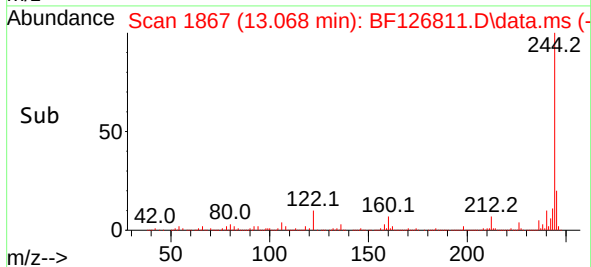
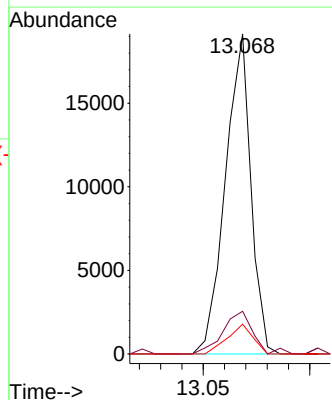
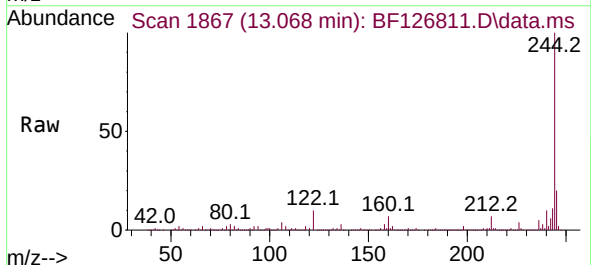
Instrument :
BNA_F
ClientSampleId :
DB-06(38-40)-02-01-22

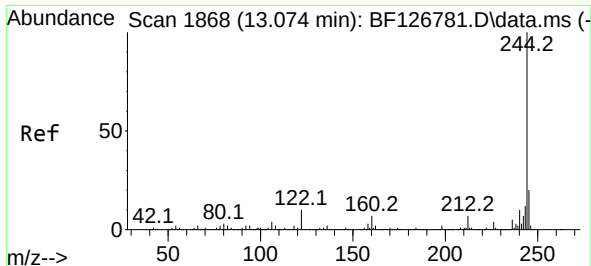
Tgt Ion:240 Resp: 273599
Ion Ratio Lower Upper
240 100
120 13.4 14.4 21.6#
236 25.7 20.5 30.7



#77
Benzidine
Concen: 2.537 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF126811.D
Acq: 04 Feb 2022 15:22

Tgt Ion:184 Resp: 15921
Ion Ratio Lower Upper
184 100
185 13.4 11.8 17.8
183 9.3 8.2 12.2

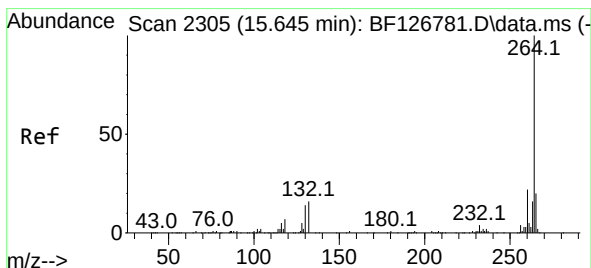
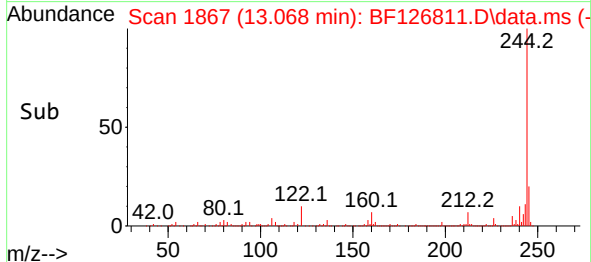
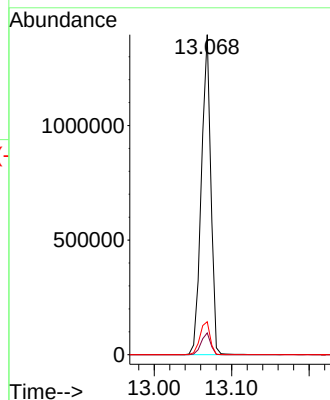
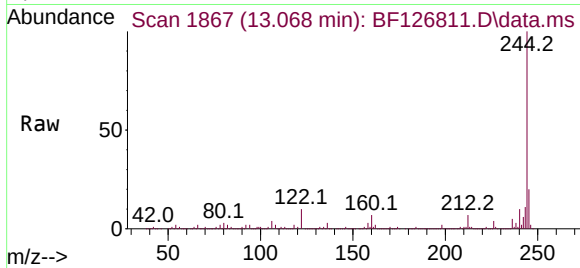




#79
 Terphenyl-d14
 Concen: 72.469 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126811.D
 Acq: 04 Feb 2022 15:22

Instrument :
 BNA_F
 ClientSampleId :
 DB-06(38-40)-02-01-22

Tgt Ion:244 Resp: 1185258
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 10.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF126811.D
 Acq: 04 Feb 2022 15:22

Tgt Ion:264 Resp: 261328
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.4 26.2

