

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126803.D
 Acq On : 04 Feb 2022 10:17
 Operator : CG/JU
 Sample : PB142492BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142492BL

Quant Time: Feb 04 18:13:34 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)

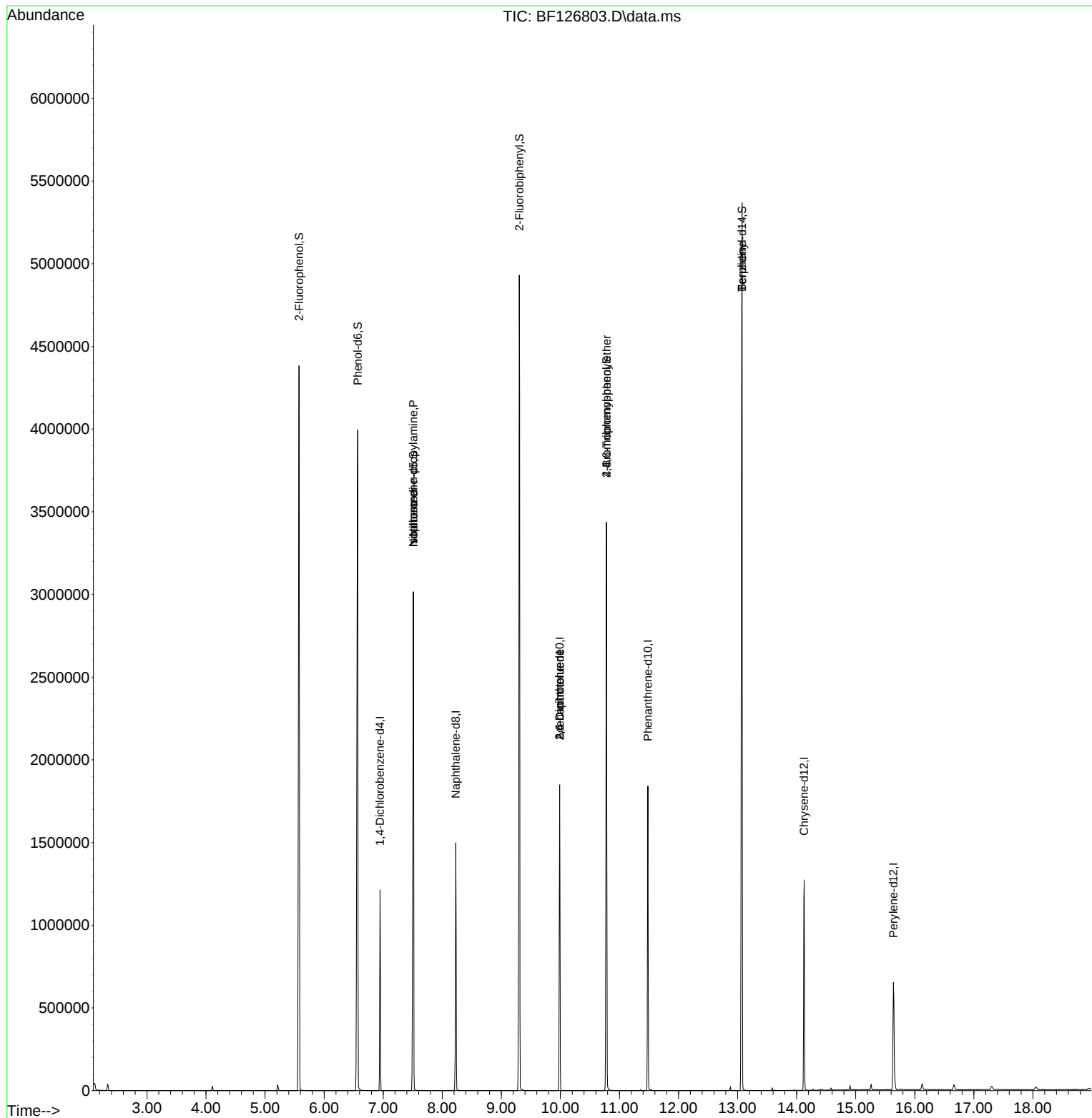
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	150391	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	600843	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	334483	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	593008	20.000	ng	0.00
76) Chrysene-d12	14.127	240	434222	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	290932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1338607	121.912	ng	0.01
7) Phenol-d6	6.569	99	1804326	118.796	ng	0.00
23) Nitrobenzene-d5	7.510	82	1297113	80.794	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	412143	118.726	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1641217	81.247	ng	0.00
79) Terphenyl-d14	13.074	244	1970688	75.921	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	171134	17.111	ng	# 68
25) Isophorone	7.510	82	1292164	46.897	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	43381	9.134	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	43381	6.739	ng	# 15
67) 4-Bromophenyl-phenylether	10.781	248	25565	3.766	ng	# 1
77) Benzidine	13.074	184	24666	2.476	ng	94

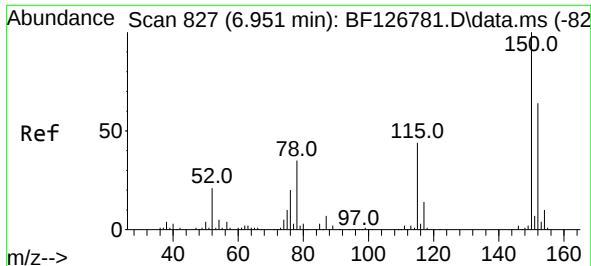
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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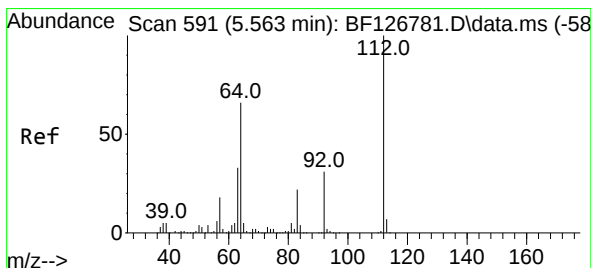
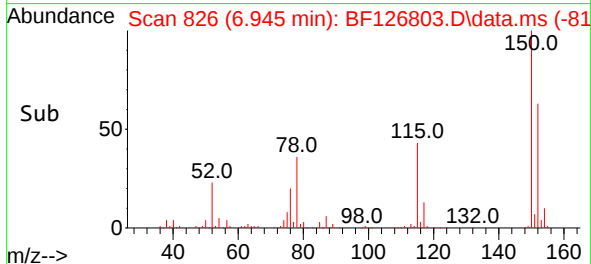
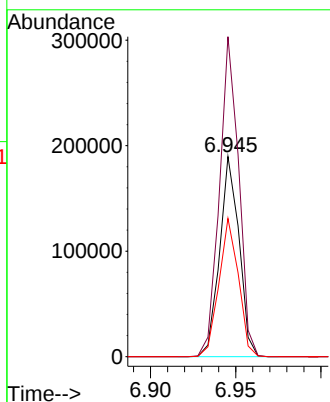
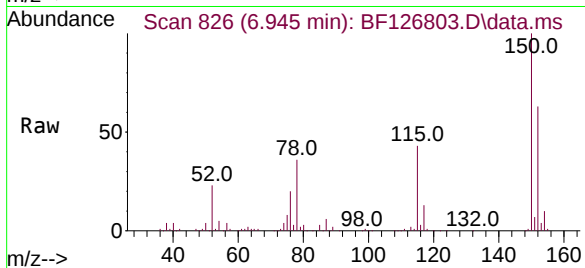




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126803.D
Acq: 04 Feb 2022 10:17

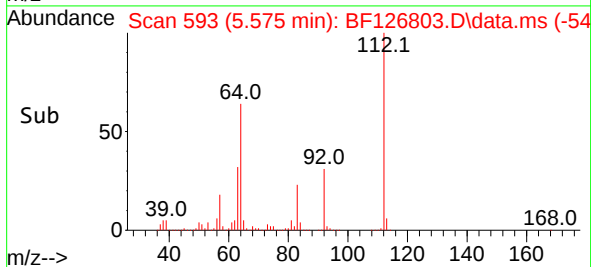
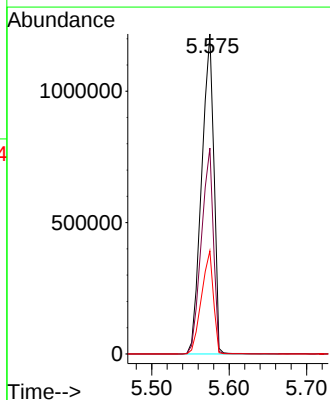
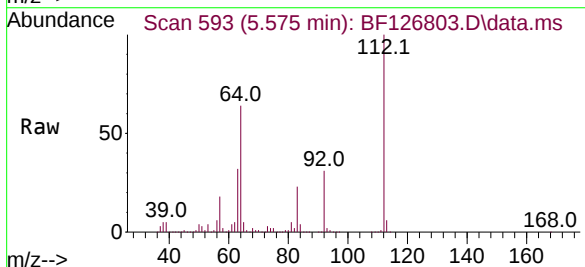
Instrument :
BNA_F
ClientSampleId :
PB142492BL

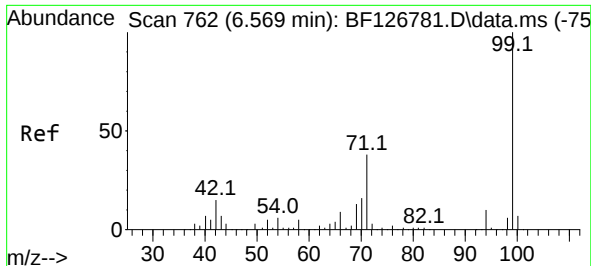
Tgt Ion:152 Resp: 150391
Ion Ratio Lower Upper
152 100
150 159.9 128.1 192.1
115 69.1 56.7 85.1



#5
2-Fluorophenol
Concen: 121.912 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF126803.D
Acq: 04 Feb 2022 10:17

Tgt Ion:112 Resp: 1338607
Ion Ratio Lower Upper
112 100
64 64.3 49.5 74.3
63 32.2 23.9 35.9

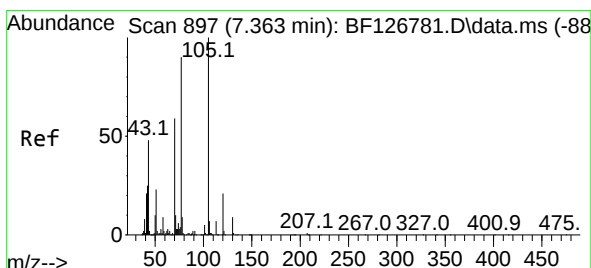
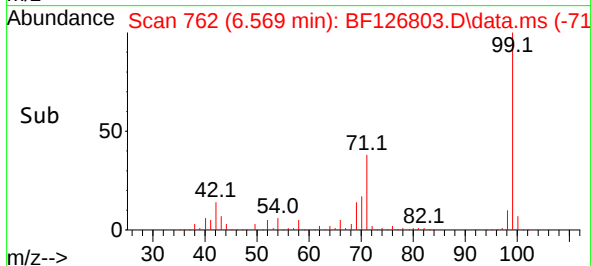
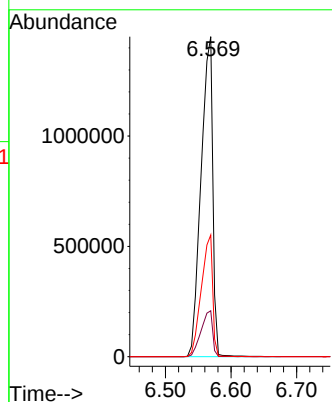
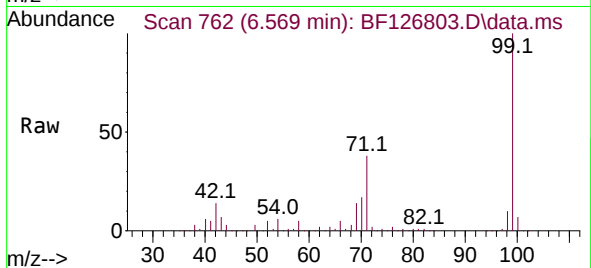




#7
Phenol-d6
Concen: 118.796 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126803.D
Acq: 04 Feb 2022 10:17

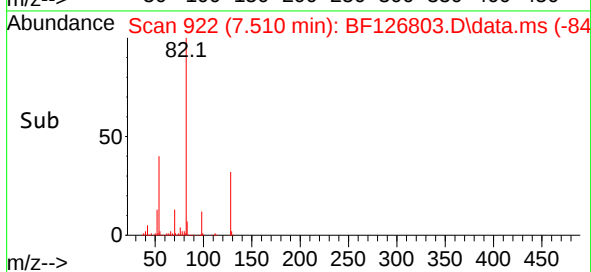
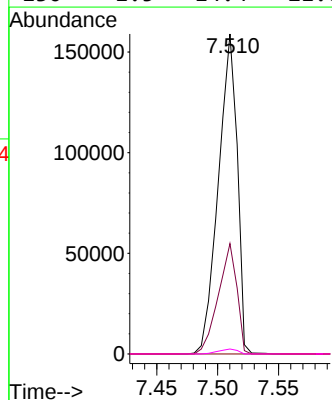
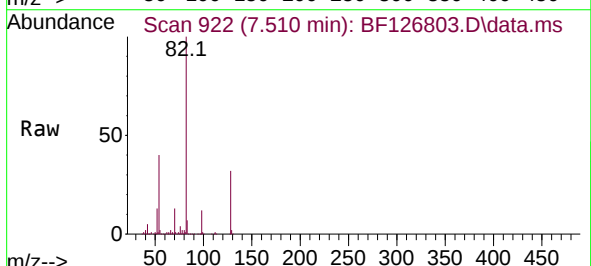
Instrument :
BNA_F
ClientSampleId :
PB142492BL

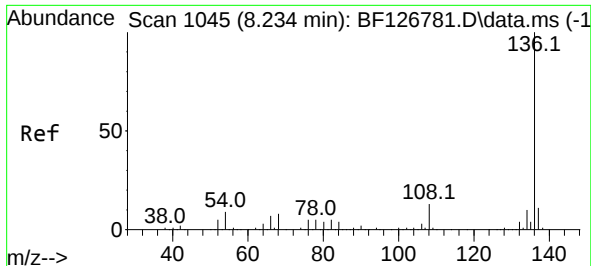
Tgt Ion: 99 Resp: 1804326
Ion Ratio Lower Upper
99 100
42 14.4 14.2 21.4
71 38.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.111 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF126803.D
Acq: 04 Feb 2022 10:17

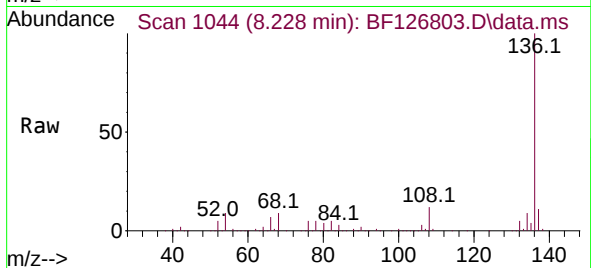
Tgt Ion: 70 Resp: 171134
Ion Ratio Lower Upper
70 100
42 34.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#





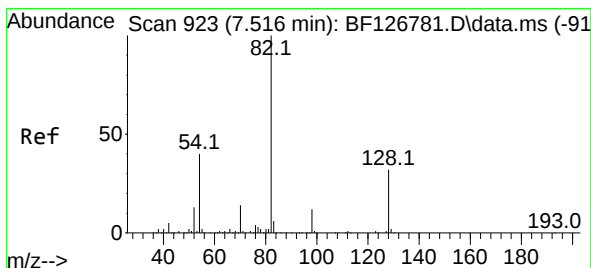
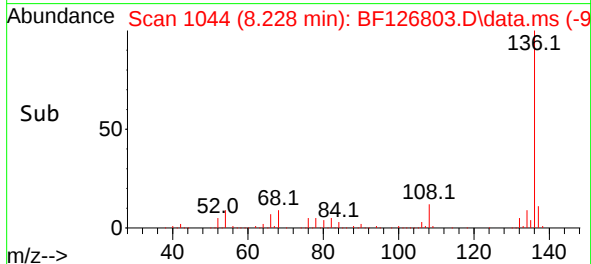
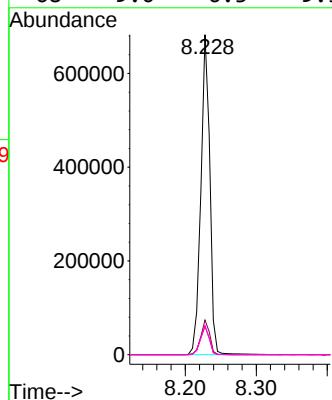
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126803.D
Acq: 04 Feb 2022 10:17

Instrument :
BNA_F
ClientSampleId :
PB142492BL



Tgt Ion:136 Resp: 600843

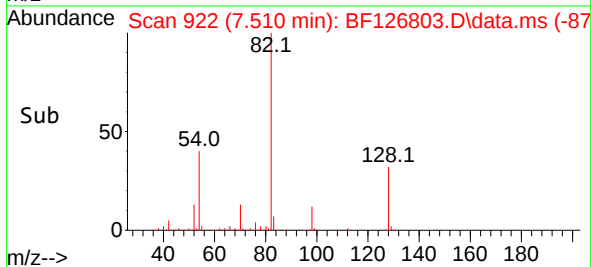
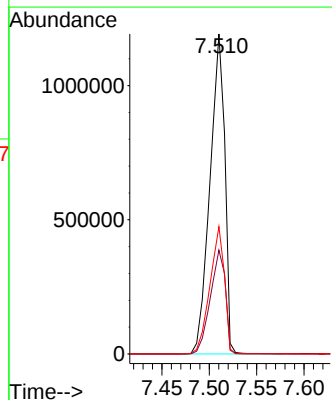
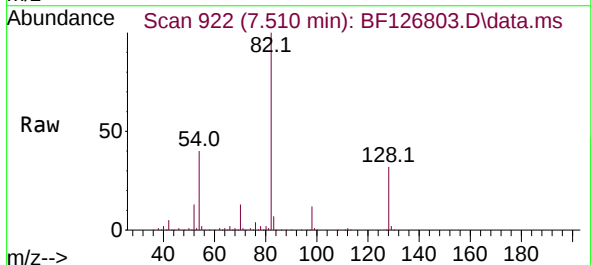
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.9	7.8	11.6
68	9.0	6.3	9.5

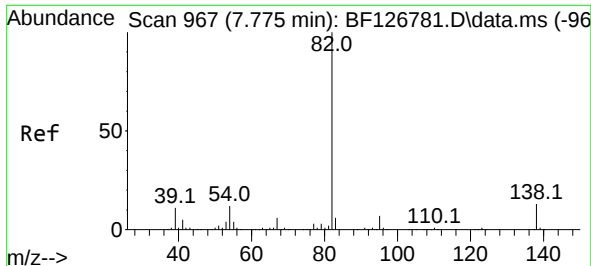


#23
Nitrobenzene-d5
Concen: 80.794 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126803.D
Acq: 04 Feb 2022 10:17

Tgt Ion: 82 Resp: 1297113

Ion	Ratio	Lower	Upper
82	100		
128	32.5	32.7	49.1#
54	39.8	41.7	62.5#

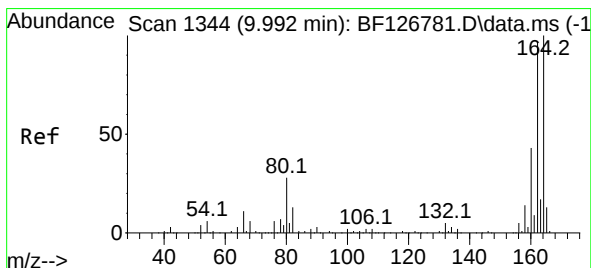
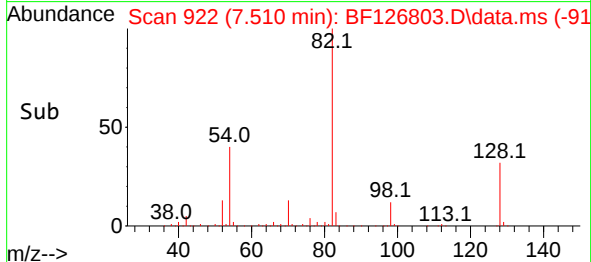
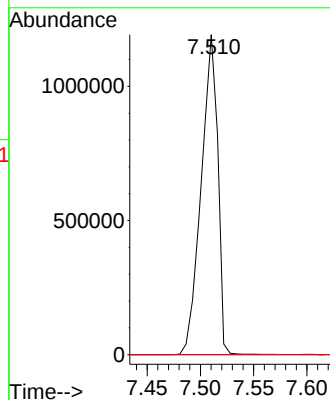
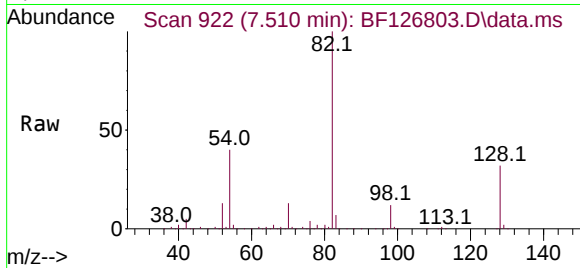




#25
Isophorone
Concen: 46.897 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126803.D
Acq: 04 Feb 2022 10:17

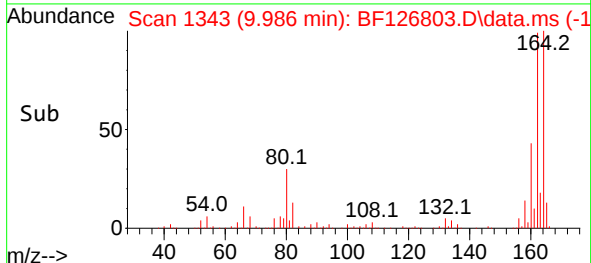
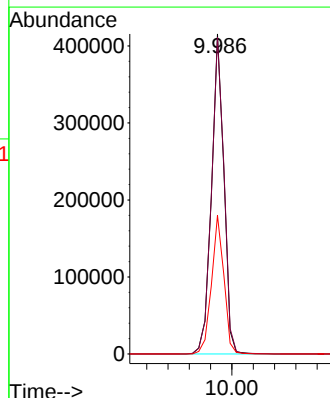
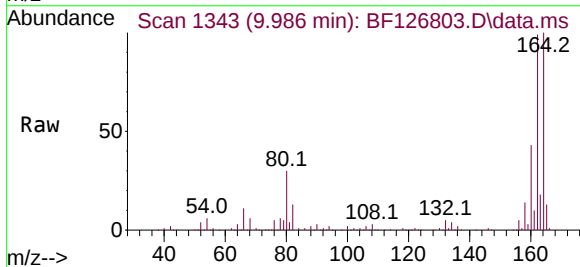
Instrument :
BNA_F
ClientSampleId :
PB142492BL

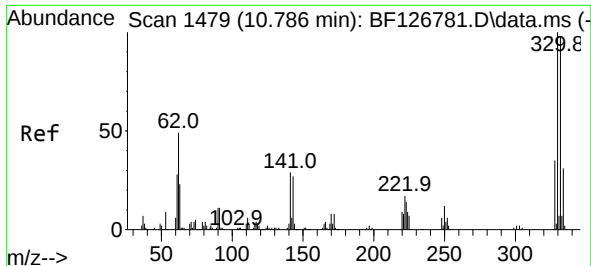
Tgt Ion: 82 Resp: 1292164
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126803.D
Acq: 04 Feb 2022 10:17

Tgt Ion: 164 Resp: 334483
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 43.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 118.726 ng

RT: 10.781 min Scan# 1479

Delta R.T. -0.006 min

Lab File: BF126803.D

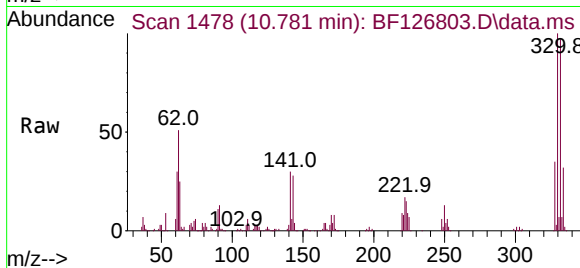
Acq: 04 Feb 2022 10:17

Instrument :

BNA_F

ClientSampleId :

PB142492BL



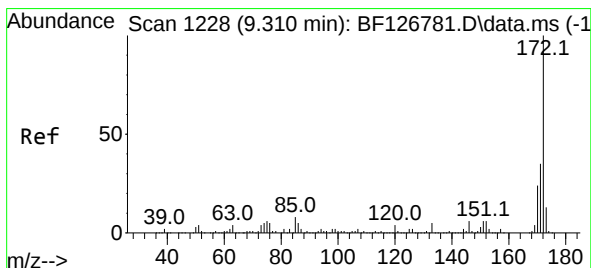
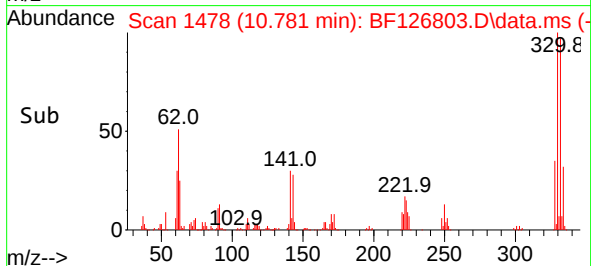
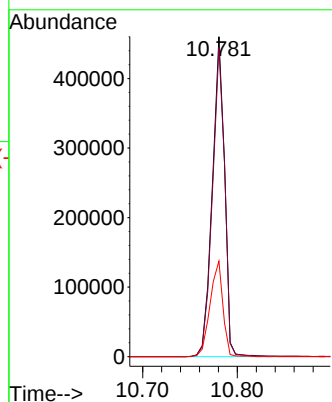
Tgt Ion:330 Resp: 412143

Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

141 31.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 81.247 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF126803.D

Acq: 04 Feb 2022 10:17

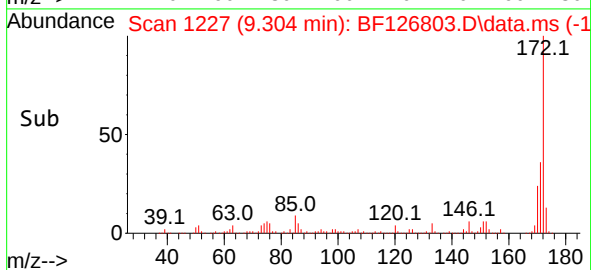
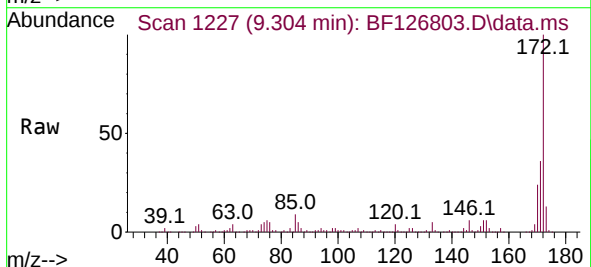
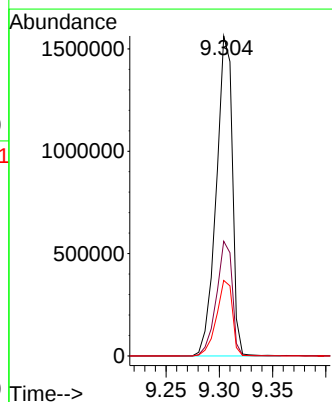
Tgt Ion:172 Resp: 1641217

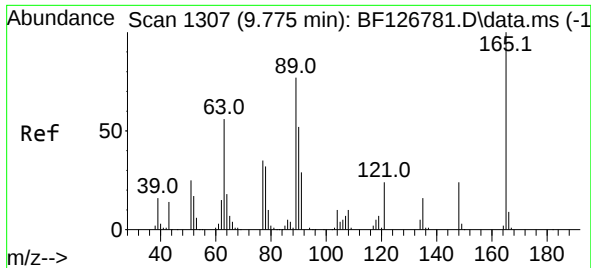
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.6 19.0 28.6

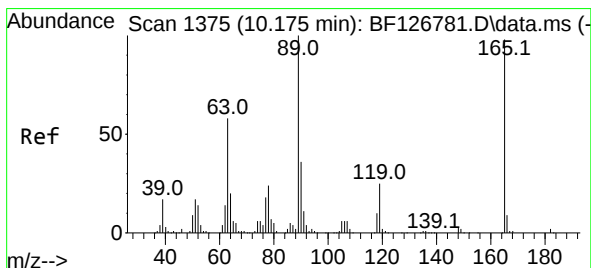
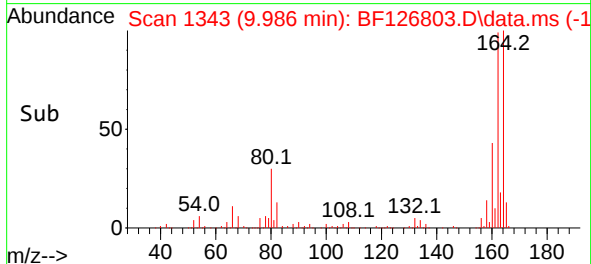
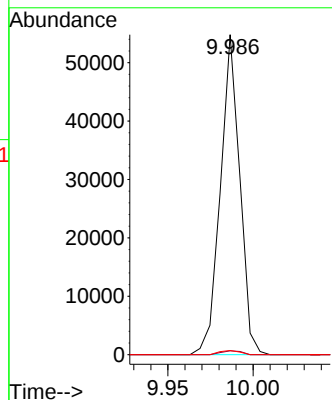
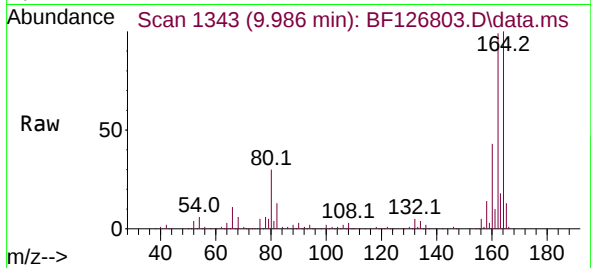




#51
2,6-Dinitrotoluene
Concen: 9.134 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126803.D
Acq: 04 Feb 2022 10:17

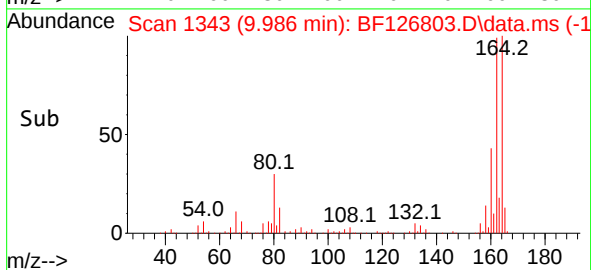
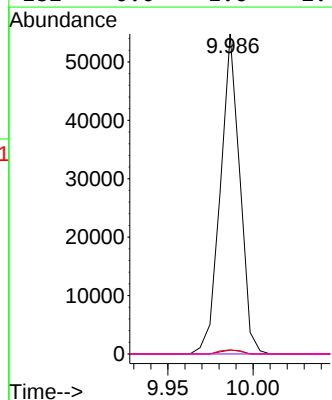
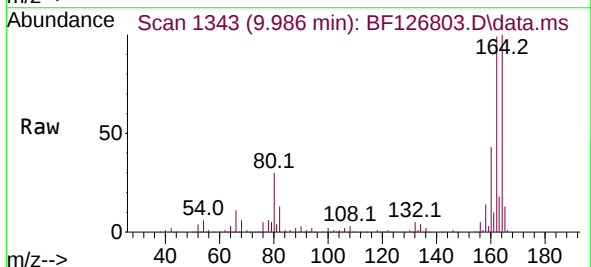
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ClientSampleId :
PB142492BL

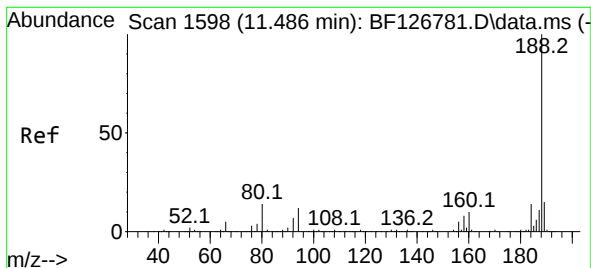
Tgt Ion:165 Resp: 43381
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.739 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.188 min
Lab File: BF126803.D
Acq: 04 Feb 2022 10:17

Tgt Ion:165 Resp: 43381
Ion Ratio Lower Upper
165 100
63 1.2 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: 11.480 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126803.D

Acq: 04 Feb 2022 10:17

Instrument :

BNA_F

ClientSampleId :

PB142492BL

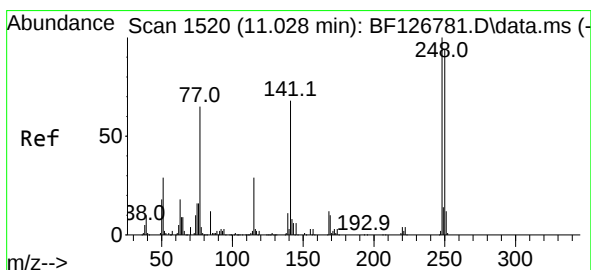
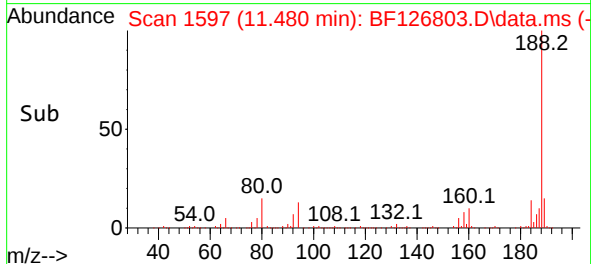
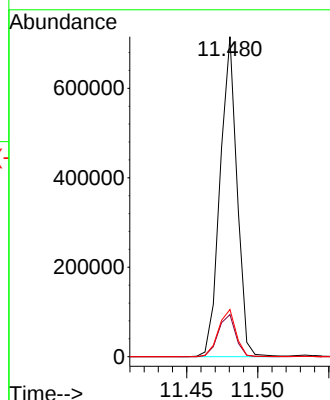
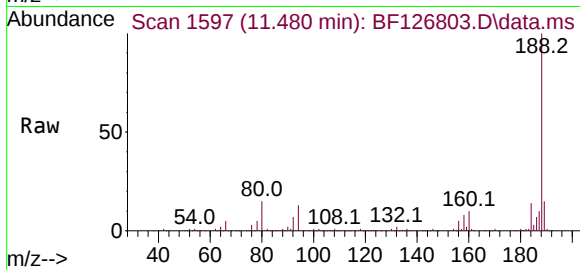
Tgt Ion:188 Resp: 593008

Ion Ratio Lower Upper

188 100

94 13.2 10.1 15.1

80 14.7 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.766 ng

RT: 10.781 min Scan# 1478

Delta R.T. -0.247 min

Lab File: BF126803.D

Acq: 04 Feb 2022 10:17

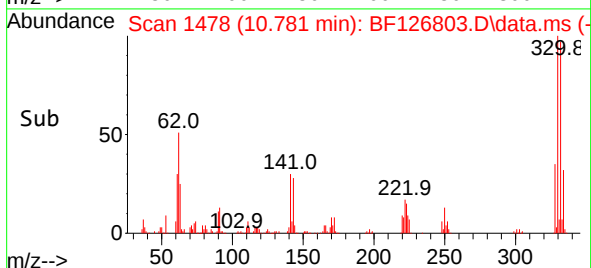
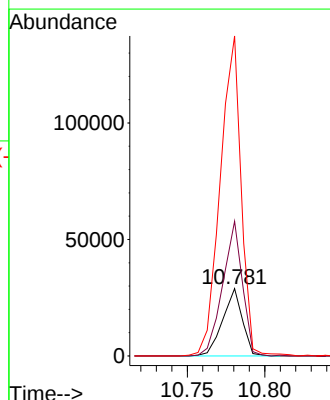
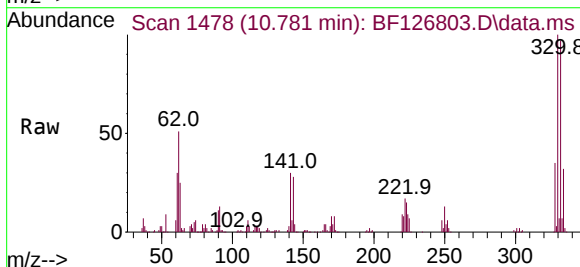
Tgt Ion:248 Resp: 25565

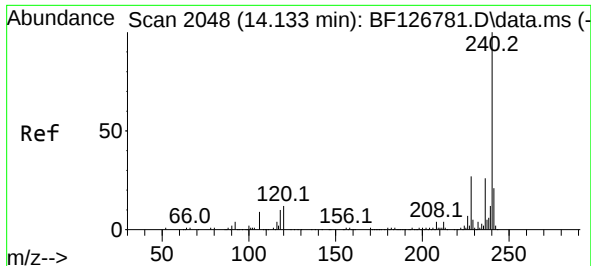
Ion Ratio Lower Upper

248 100

250 199.8 76.2 114.4#

141 474.8 66.2 99.4#

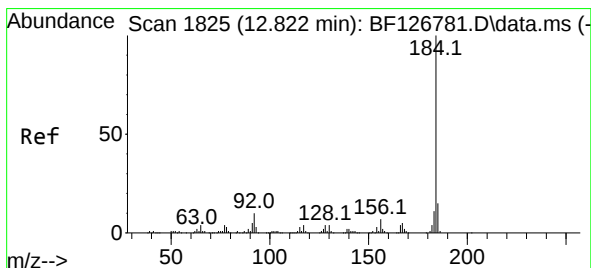
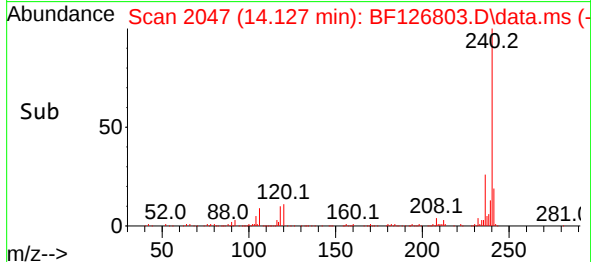
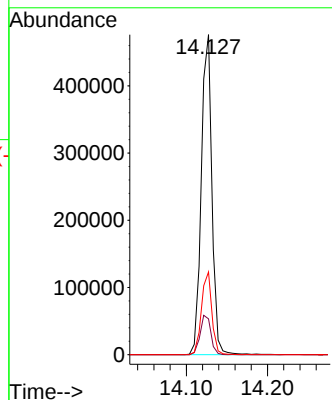
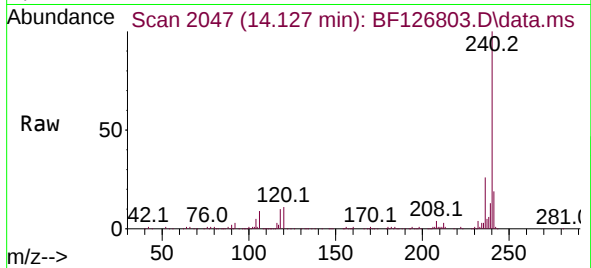




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BF126803.D
Acq: 04 Feb 2022 10:17

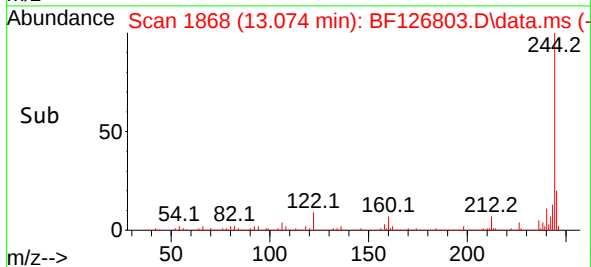
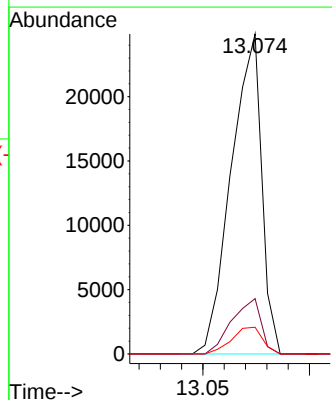
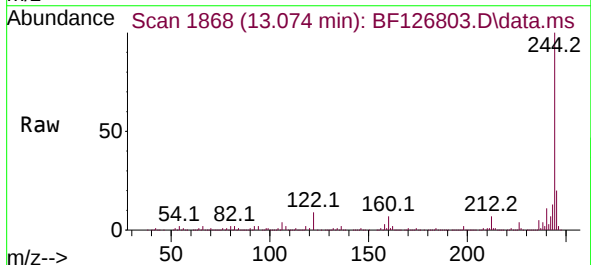
Instrument :
BNA_F
ClientSampleId :
PB142492BL

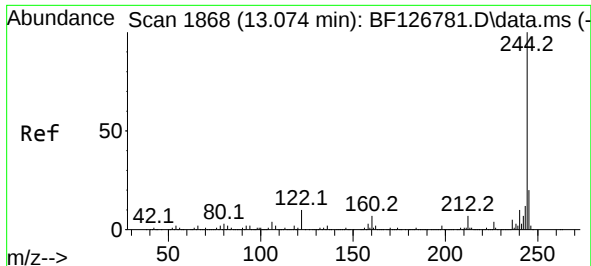
Tgt Ion:240 Resp: 434222
Ion Ratio Lower Upper
240 100
120 11.2 14.4 21.6#
236 25.9 20.5 30.7



#77
Benzidine
Concen: 2.476 ng
RT: 13.074 min Scan# 1868
Delta R.T. 0.253 min
Lab File: BF126803.D
Acq: 04 Feb 2022 10:17

Tgt Ion:184 Resp: 24666
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.8
183 8.3 8.2 12.2

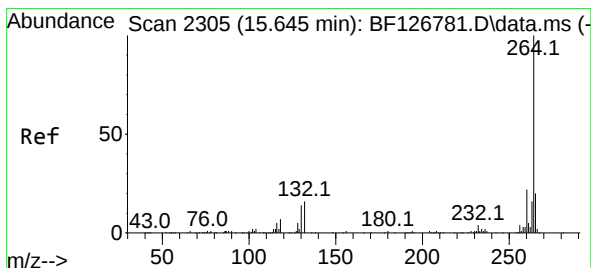
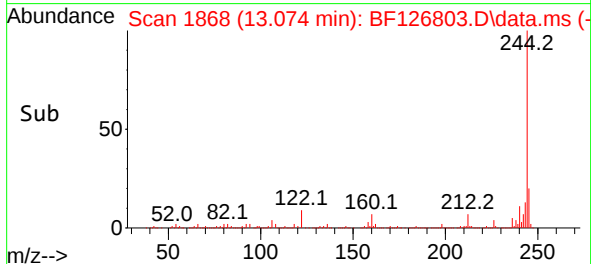
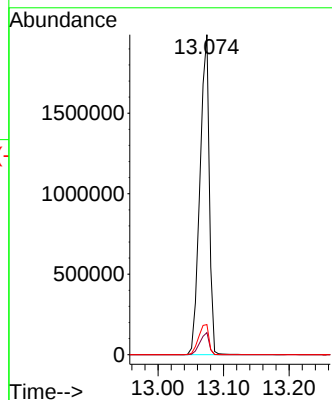
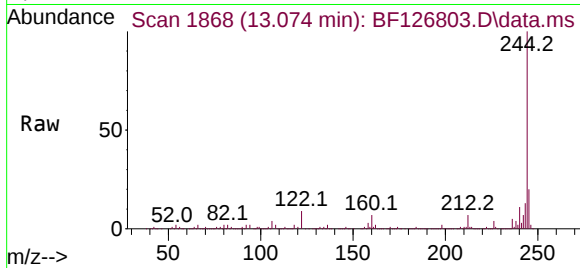




#79
 Terphenyl-d14
 Concen: 75.921 ng
 RT: 13.074 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126803.D
 Acq: 04 Feb 2022 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB142492BL

Tgt Ion:244 Resp: 1970688
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 9.4 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: BF126803.D
 Acq: 04 Feb 2022 10:17

Tgt Ion:264 Resp: 290932
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.4 17.4 26.2

