

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128100.D
 Acq On : 05 May 2022 17:56
 Operator : CG\JU
 Sample : N2676-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GT-10-(23-25)

Quant Time: May 06 05:01:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

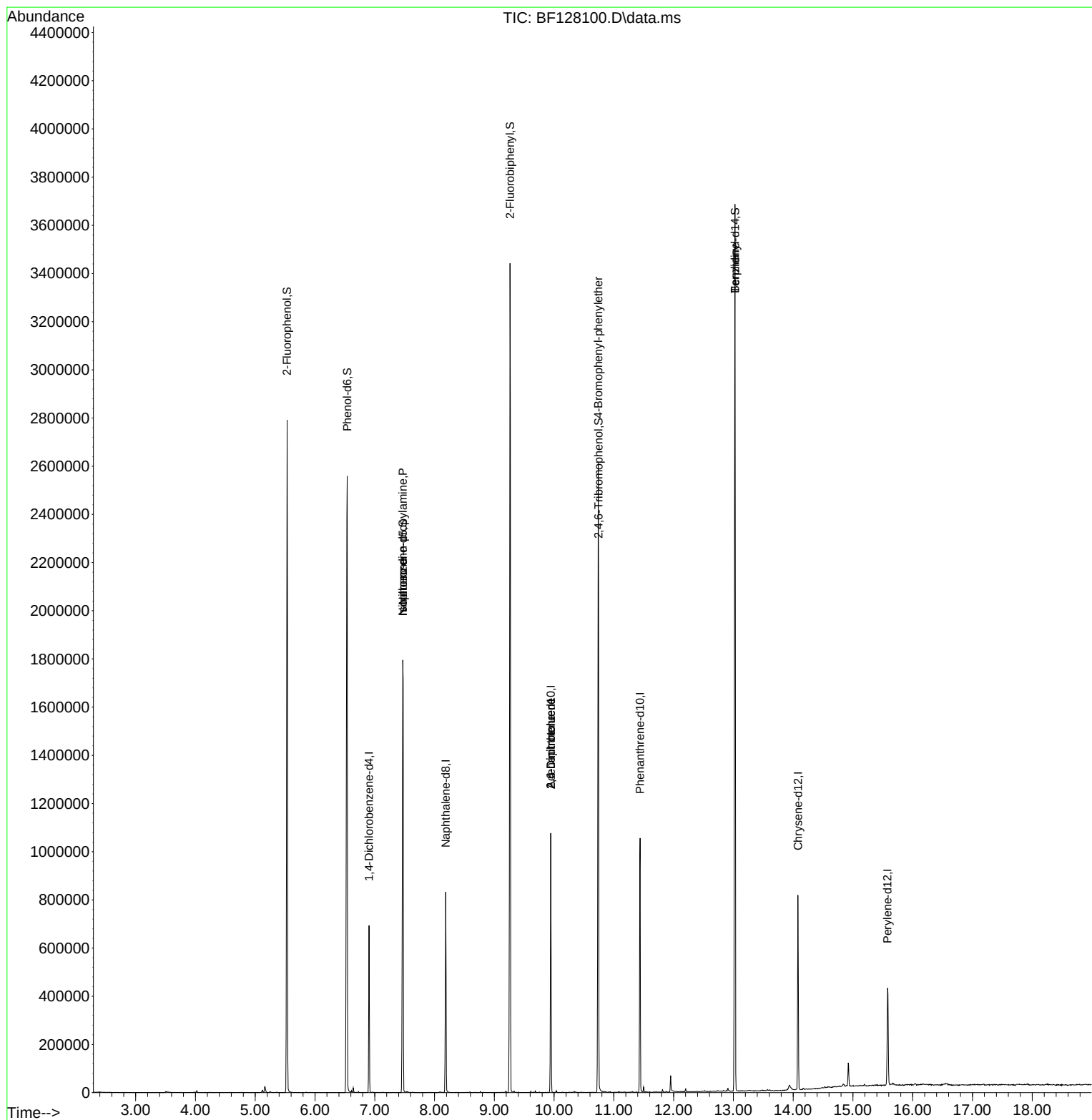
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	85644	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	337615	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	202927	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	386646	20.000	ng	0.00
76) Chrysene-d12	14.080	240	261885	20.000	ng	-0.01
86) Perylene-d12	15.580	264	192950	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	743214	138.221	ng	0.00
7) Phenol-d6	6.540	99	995816	142.728	ng	0.00
23) Nitrobenzene-d5	7.469	82	710718	98.991	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	331680	162.365	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1134352	94.568	ng	0.00
79) Terphenyl-d14	13.027	244	1296273	90.510	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	97763	22.890	ng	# 81
25) Isophorone	7.469	82	710708	58.815	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	26266	8.914	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	26266	6.730	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	20456	4.773	ng	# 1
77) Benzidine	13.027	184	18964	3.827	ng	# 95

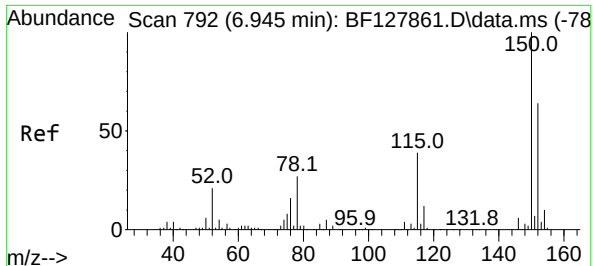
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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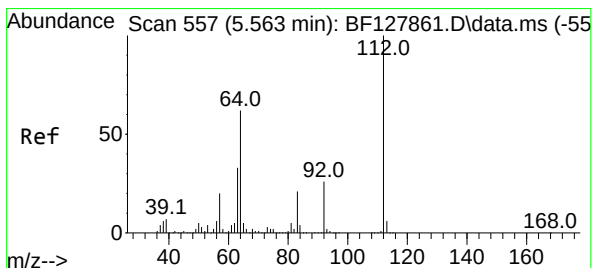
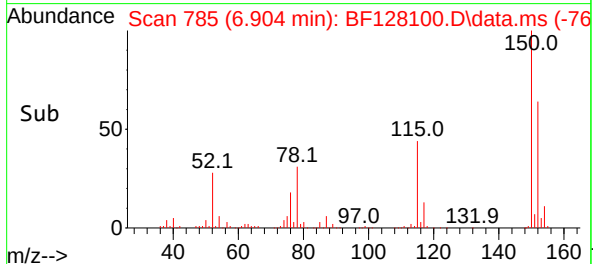
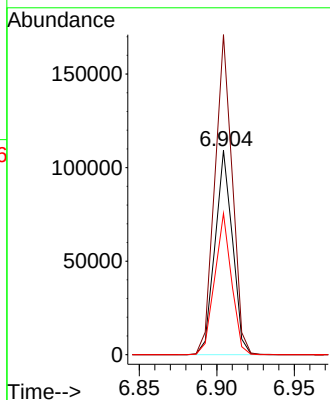
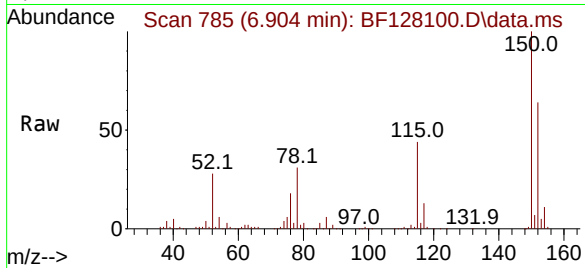




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128100.D
 Acq: 05 May 2022 17:56

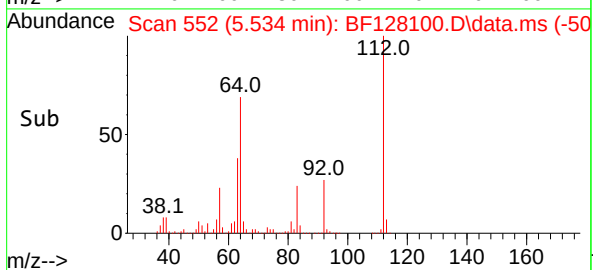
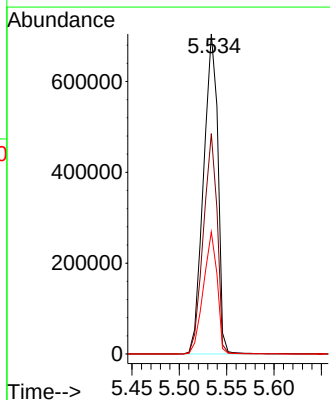
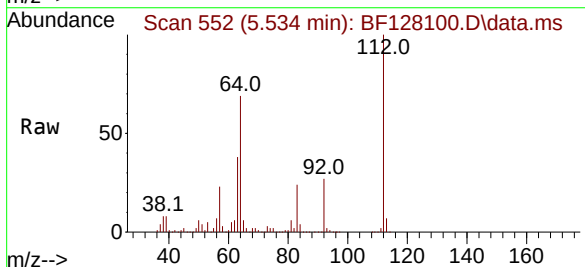
Instrument :
 BNA_F
 ClientSampleId :
 GT-10-(23-25)

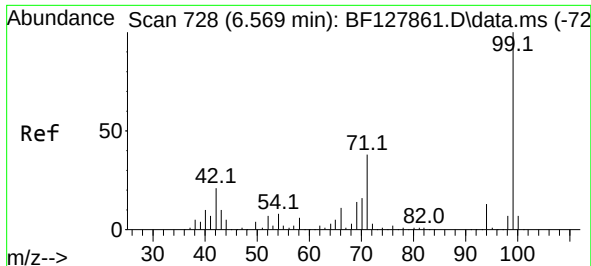
Tgt Ion:152 Resp: 85644
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.3 187.9
 115 69.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 138.221 ng
 RT: 5.534 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: BF128100.D
 Acq: 05 May 2022 17:56

Tgt Ion:112 Resp: 743214
 Ion Ratio Lower Upper
 112 100
 64 68.9 49.5 74.3
 63 38.1 26.3 39.5

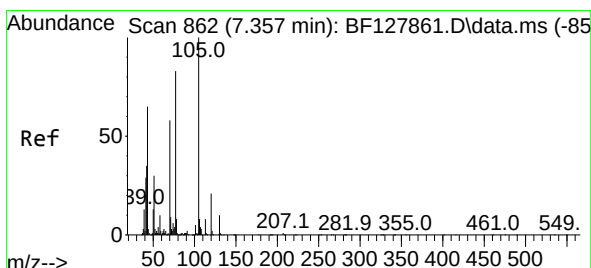
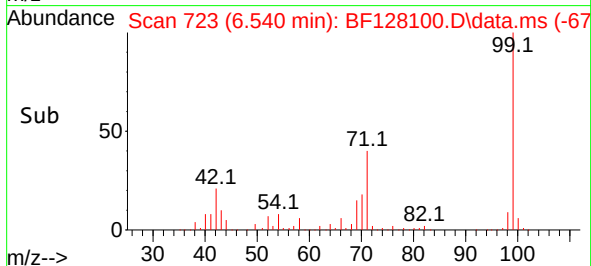
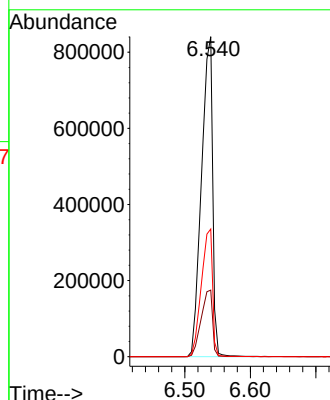
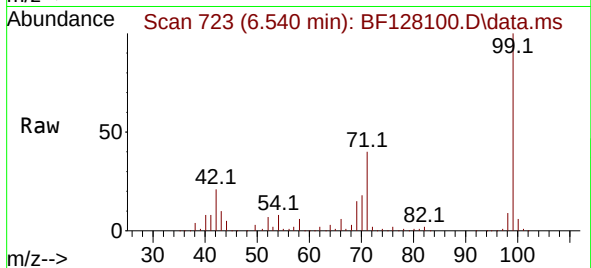




#7
Phenol-d6
Concen: 142.728 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128100.D
Acq: 05 May 2022 17:56

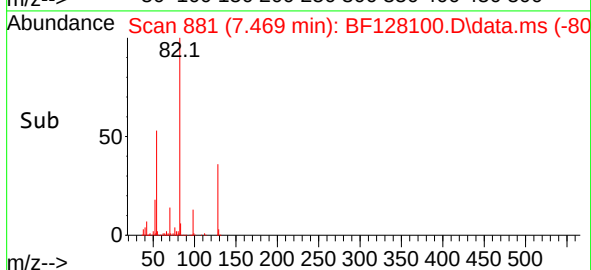
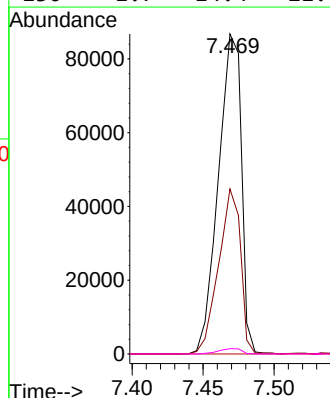
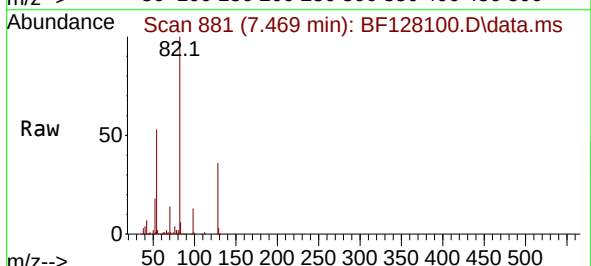
Instrument :
BNA_F
ClientSampleId :
GT-10-(23-25)

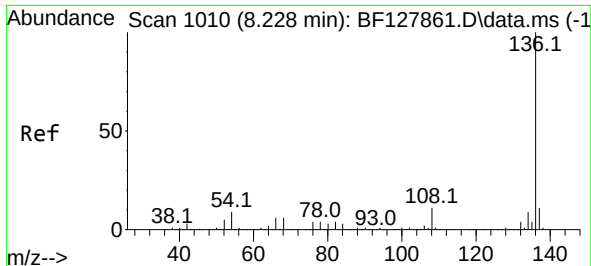
Tgt Ion: 99 Resp: 995816
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 39.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.890 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128100.D
Acq: 05 May 2022 17:56

Tgt Ion: 70 Resp: 97763
Ion Ratio Lower Upper
70 100
42 51.5 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

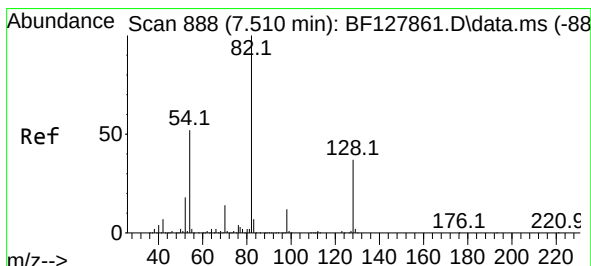
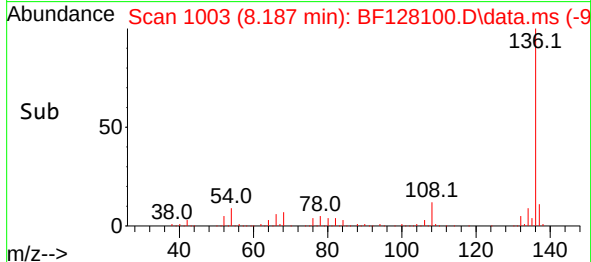
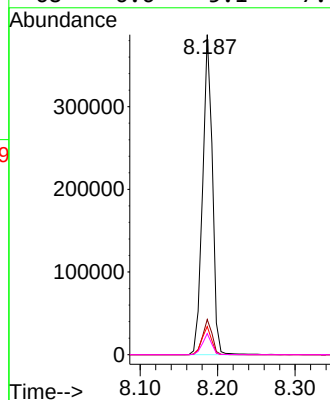
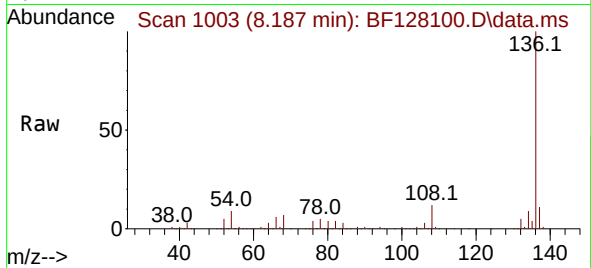




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128100.D
Acq: 05 May 2022 17:56

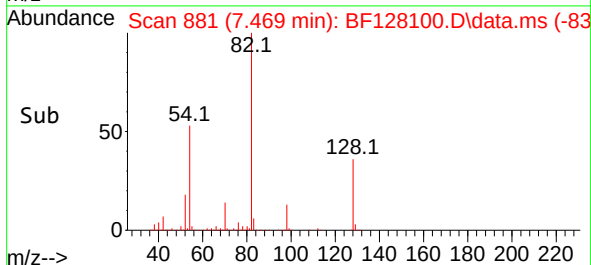
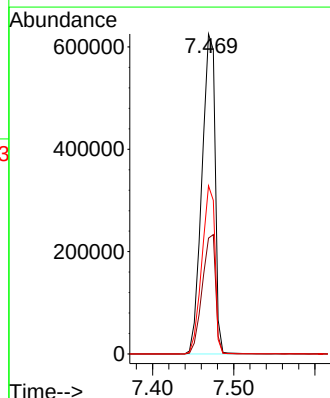
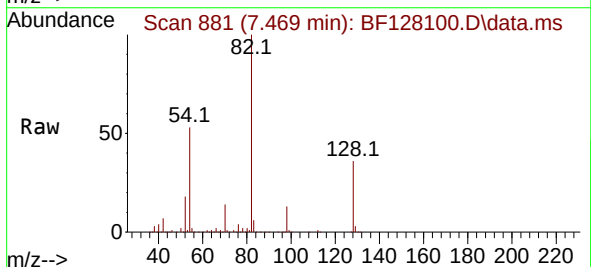
Instrument :
BNA_F
ClientSampleId :
GT-10-(23-25)

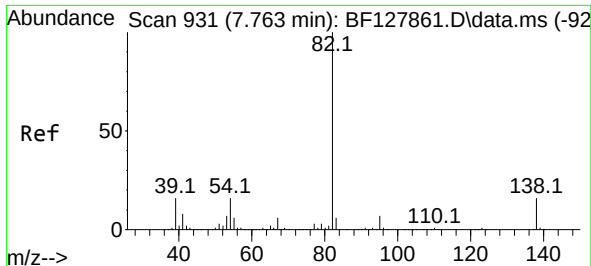
Tgt Ion:136	Resp: 337615
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 8.8	6.8 10.2
68 6.6	5.1 7.7



#23
Nitrobenzene-d5
Concen: 98.991 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128100.D
Acq: 05 May 2022 17:56

Tgt Ion: 82	Resp: 710718
Ion Ratio	Lower Upper
82 100	
128 36.2	30.0 45.0
54 52.6	41.3 61.9

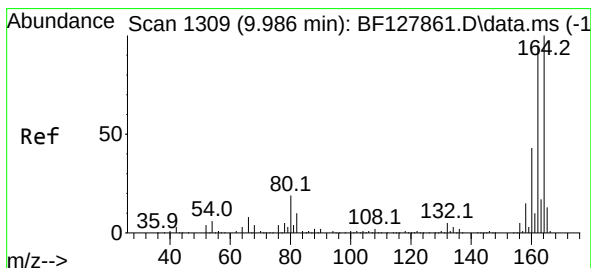
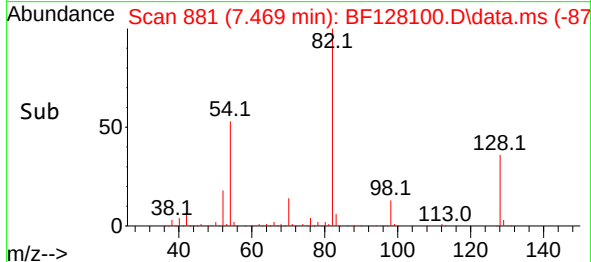
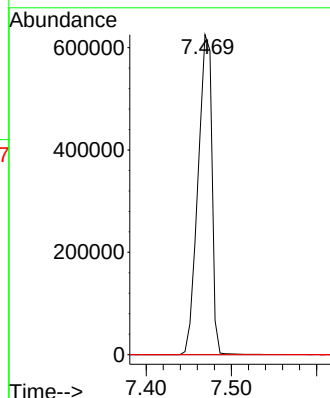
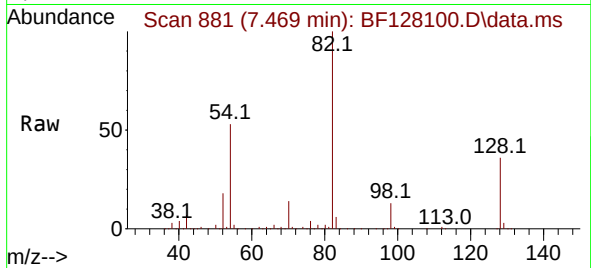




#25
Isophorone
Concen: 58.815 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128100.D
Acq: 05 May 2022 17:56

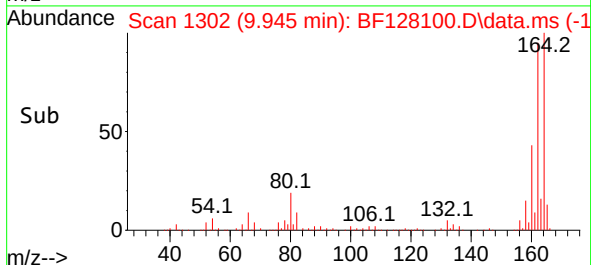
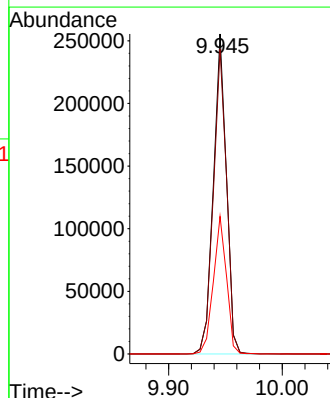
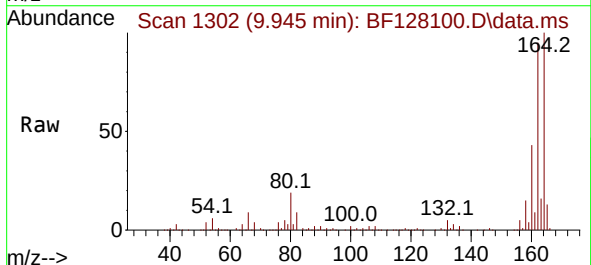
Instrument :
BNA_F
ClientSampleId :
GT-10-(23-25)

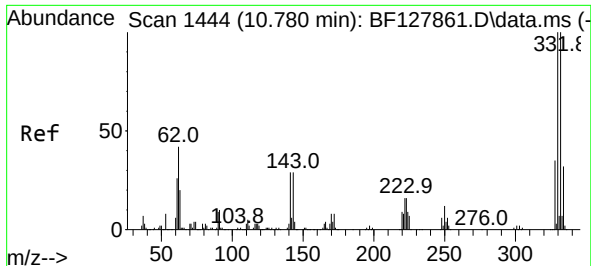
Tgt Ion: 82 Resp: 710708
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128100.D
Acq: 05 May 2022 17:56

Tgt Ion: 164 Resp: 202927
Ion Ratio Lower Upper
164 100
162 95.3 76.0 114.0
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 162.365 ng

RT: 10.745 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF128100.D

Acq: 05 May 2022 17:56

Instrument :

BNA_F

ClientSampleId :

GT-10-(23-25)

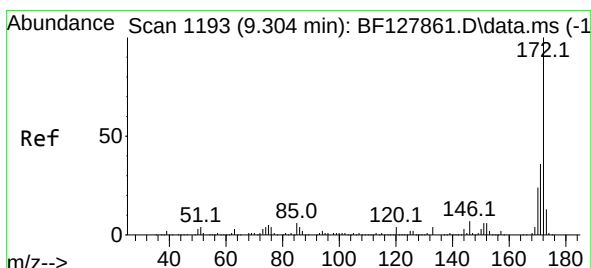
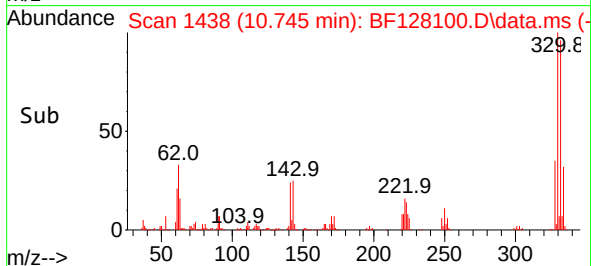
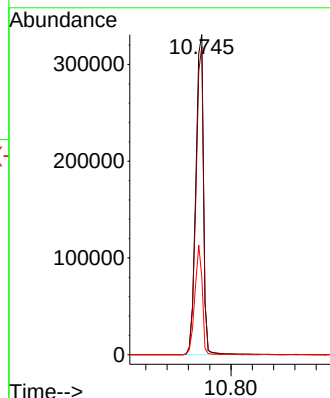
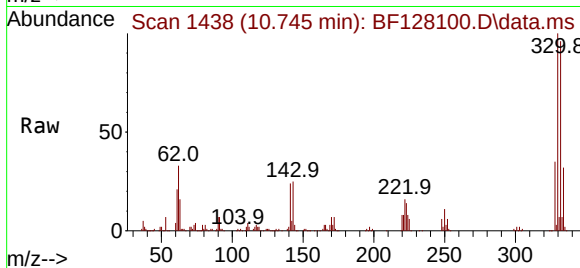
Tgt Ion:330 Resp: 331680

Ion Ratio Lower Upper

330 100

332 94.7 79.0 118.4

141 32.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 94.568 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128100.D

Acq: 05 May 2022 17:56

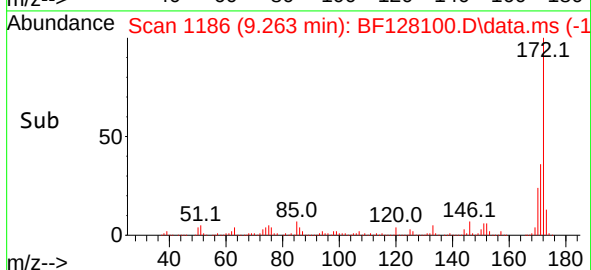
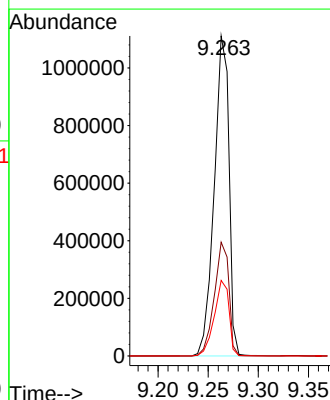
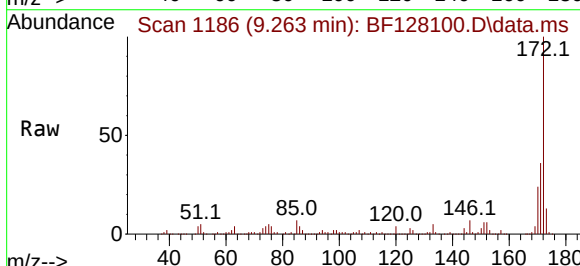
Tgt Ion:172 Resp: 1134352

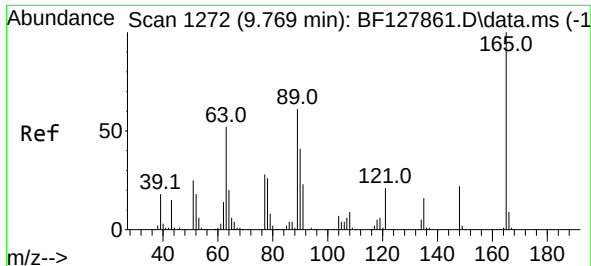
Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.914 ng

RT: 9.945 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128100.D

Acq: 05 May 2022 17:56

Instrument :

BNA_F

ClientSampleId :

GT-10-(23-25)

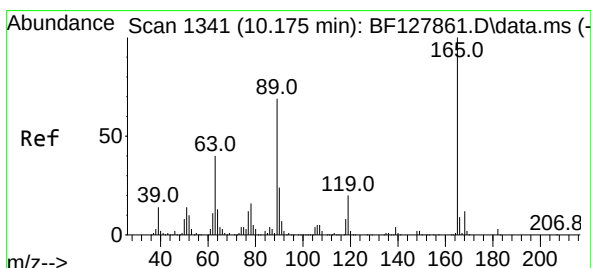
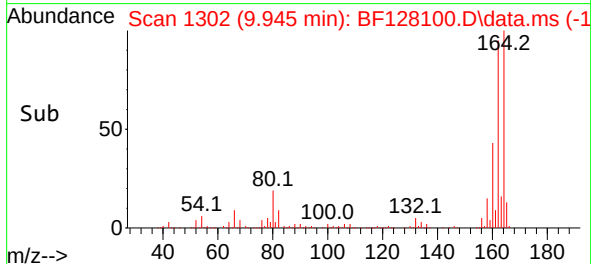
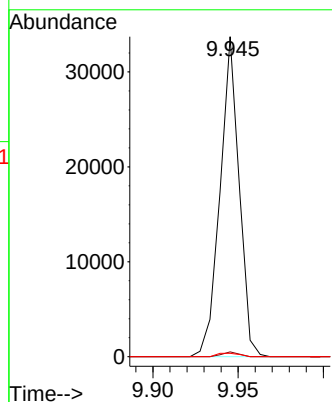
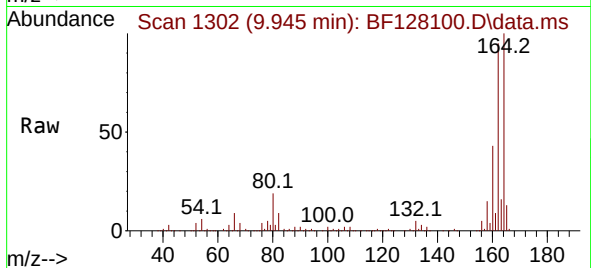
Tgt Ion:165 Resp: 26266

Ion Ratio Lower Upper

165 100

63 1.5 49.5 74.3#

89 1.1 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.730 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.200 min

Lab File: BF128100.D

Acq: 05 May 2022 17:56

Tgt Ion:165 Resp: 26266

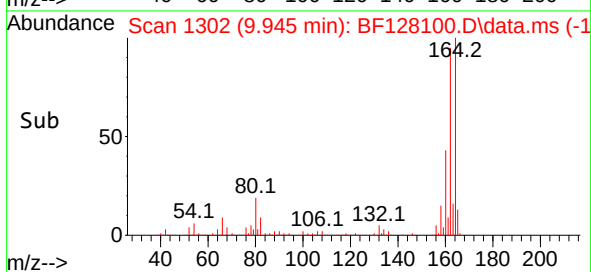
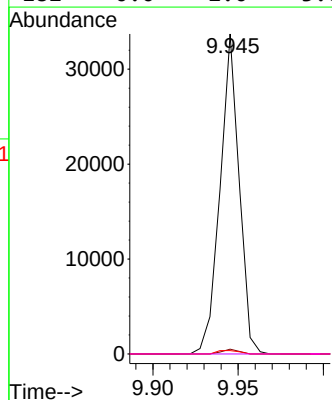
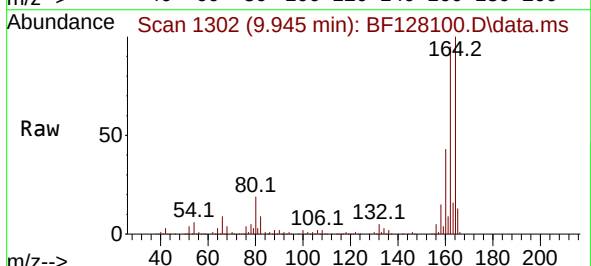
Ion Ratio Lower Upper

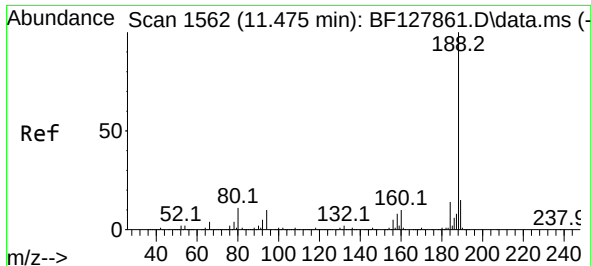
165 100

63 1.5 32.6 49.0#

89 1.1 55.2 82.8#

182 0.0 2.0 3.0#

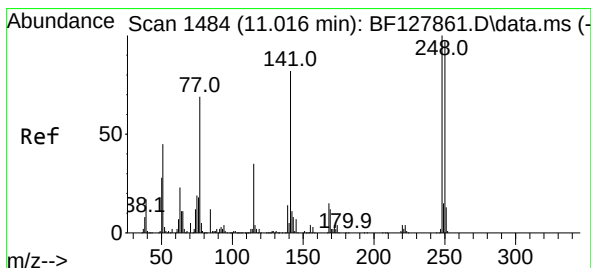
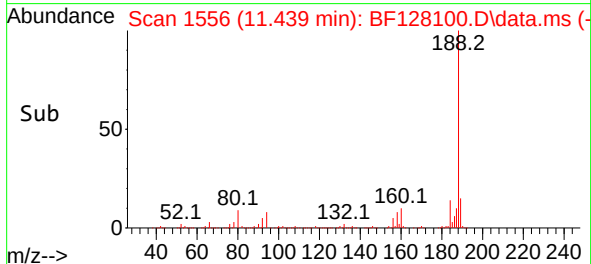
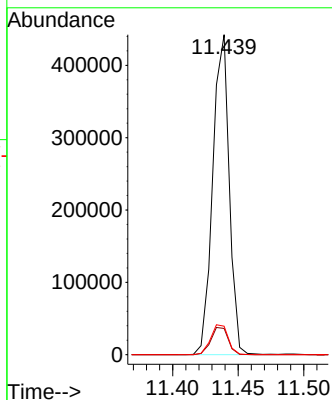
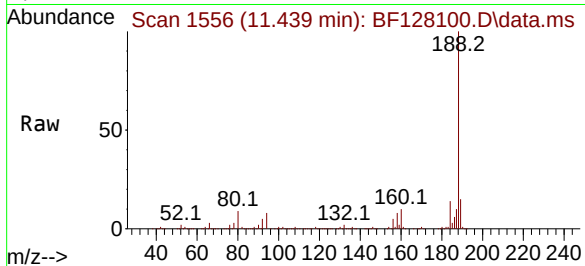




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128100.D
Acq: 05 May 2022 17:56

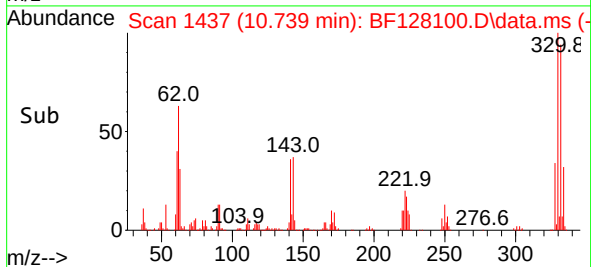
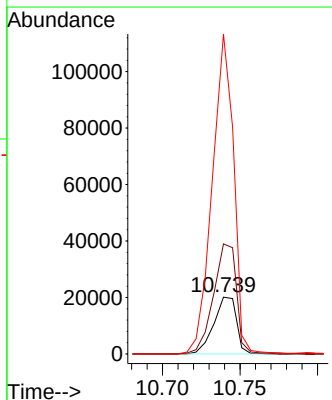
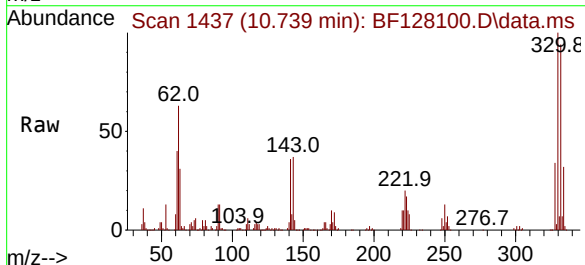
Instrument :
BNA_F
ClientSampleId :
GT-10-(23-25)

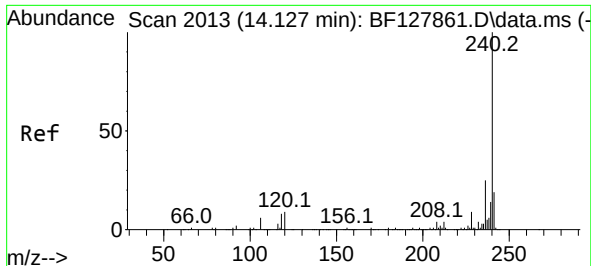
Tgt Ion:188 Resp: 386646
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 8.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.773 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128100.D
Acq: 05 May 2022 17:56

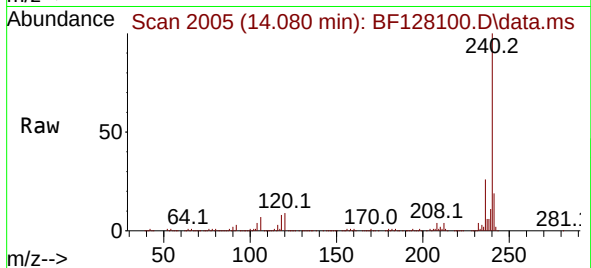
Tgt Ion:248 Resp: 20456
Ion Ratio Lower Upper
248 100
250 194.1 77.7 116.5#
141 564.0 65.6 98.4#



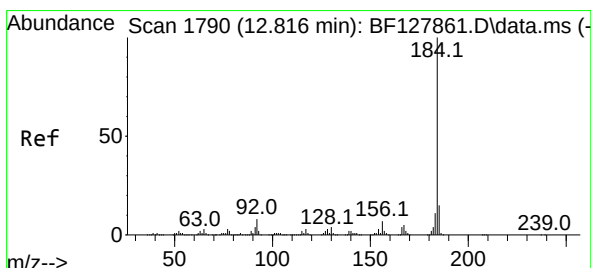
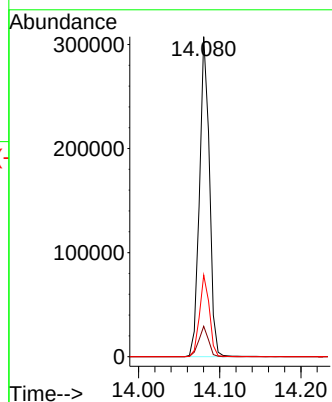
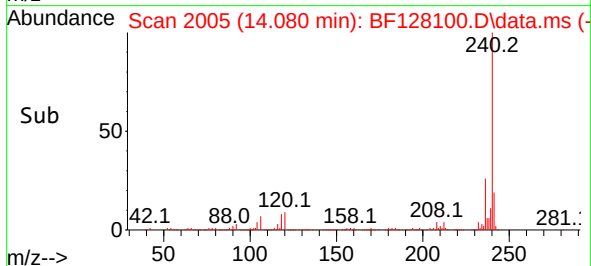


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128100.D
Acq: 05 May 2022 17:56

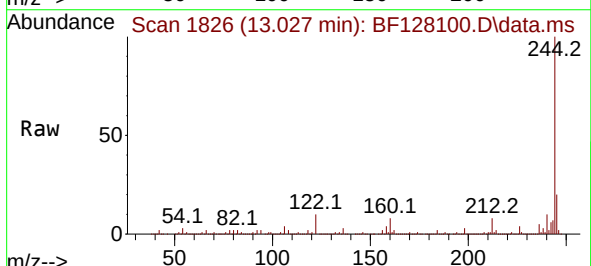
Instrument :
BNA_F
ClientSampleId :
GT-10-(23-25)



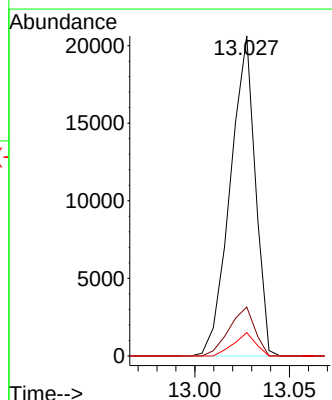
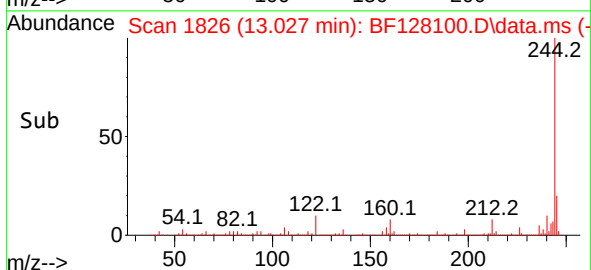
Tgt Ion:240 Resp: 261885
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 25.5 20.3 30.5

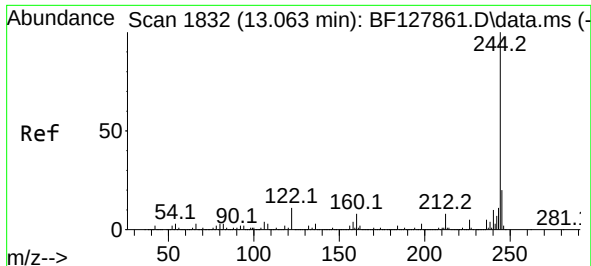


#77
Benzidine
Concen: 3.827 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF128100.D
Acq: 05 May 2022 17:56



Tgt Ion:184 Resp: 18964
Ion Ratio Lower Upper
184 100
185 15.3 12.1 18.1
183 7.3 9.0 13.4#

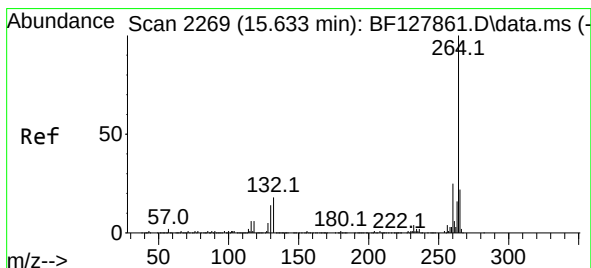
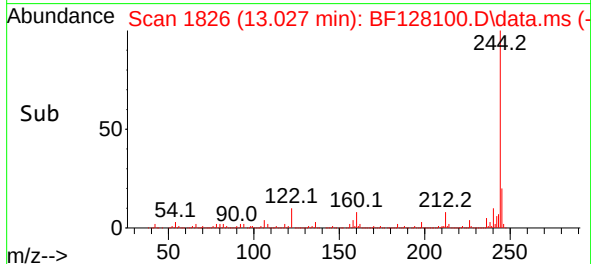
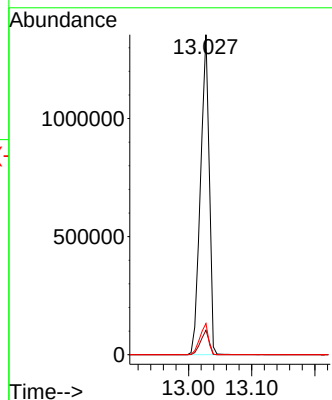
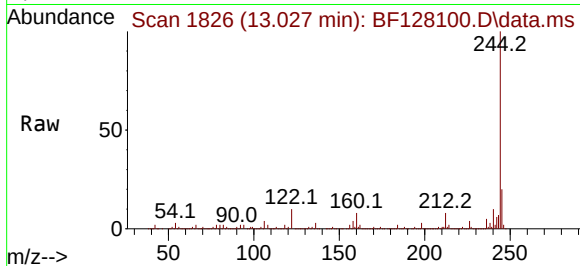




#79
 Terphenyl-d14
 Concen: 90.510 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128100.D
 Acq: 05 May 2022 17:56

Instrument :
 BNA_F
 ClientSampleId :
 GT-10-(23-25)

Tgt Ion:244 Resp: 1296273
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.012 min
 Lab File: BF128100.D
 Acq: 05 May 2022 17:56

Tgt Ion:264 Resp: 192950
 Ion Ratio Lower Upper
 264 100
 260 22.8 20.1 30.1
 265 22.2 17.5 26.3

