

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128098.D
 Acq On : 05 May 2022 16:58
 Operator : CG\JU
 Sample : N2676-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GT-05-(23-25)

Quant Time: May 05 18:02:50 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)

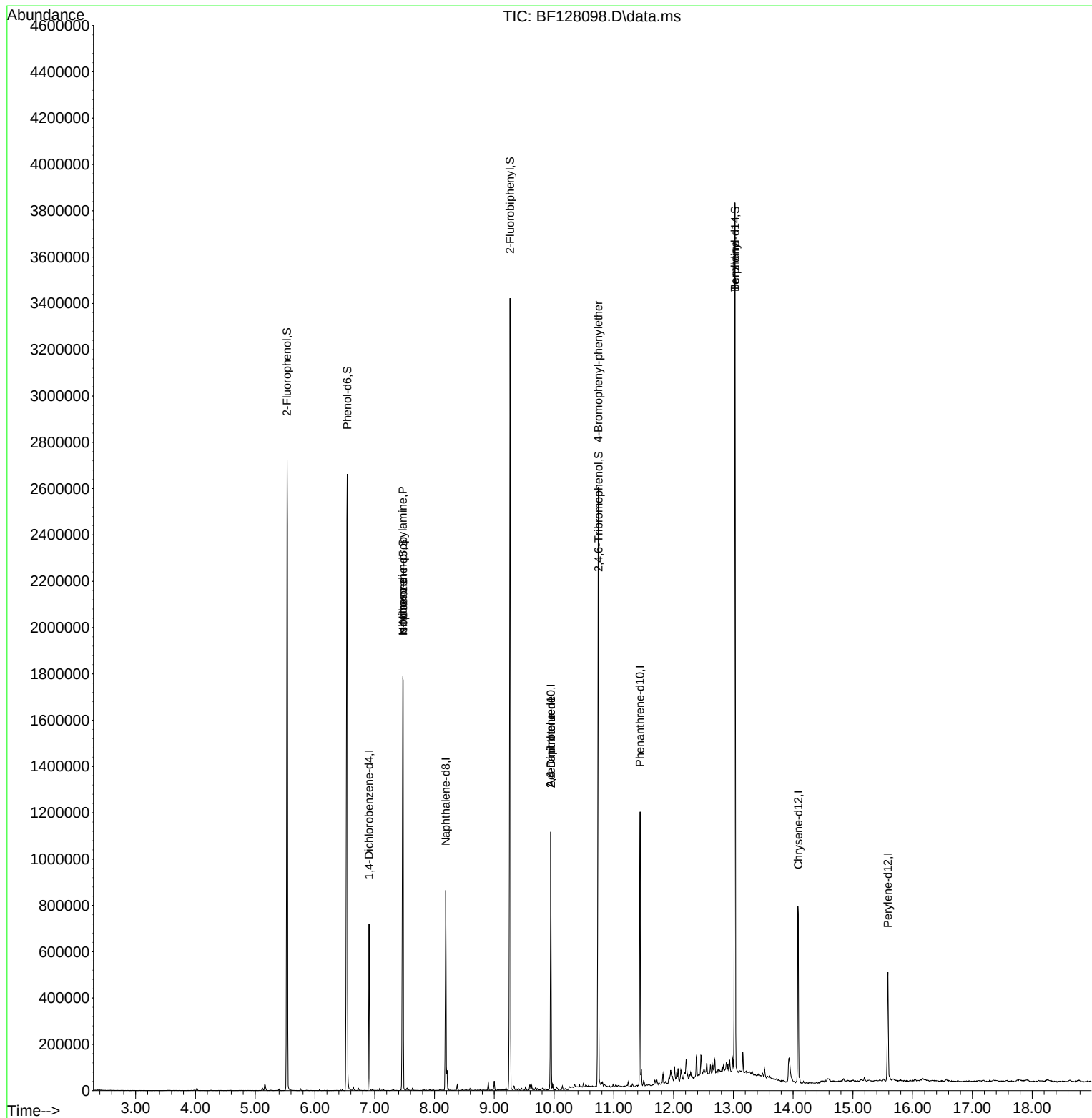
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	90463	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	357090	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	211125	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	399907	20.000	ng	0.00
76) Chrysene-d12	14.086	240	270616	20.000	ng	0.00
86) Perylene-d12	15.586	264	213520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	770985	135.747	ng	0.00
7) Phenol-d6	6.540	99	1019545	138.345	ng	0.00
23) Nitrobenzene-d5	7.475	82	728200	95.894	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	329377	154.977	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1131531	90.669	ng	0.00
79) Terphenyl-d14	13.027	244	1335920	90.269	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	101102	22.411	ng	# 79
25) Isophorone	7.475	82	727192	56.897	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	26607	8.679	ng	# 22
57) 2,4-Dinitrotoluene	9.945	165	26607	6.552	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	19962	4.503	ng	# 1
77) Benzidine	13.027	184	19335	3.776	ng	# 92

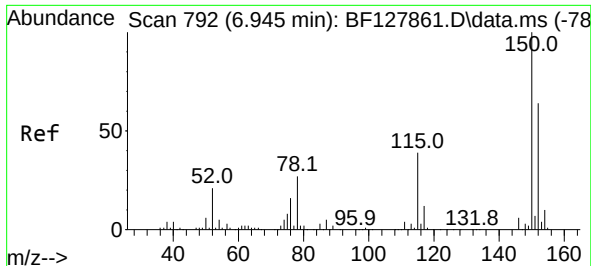
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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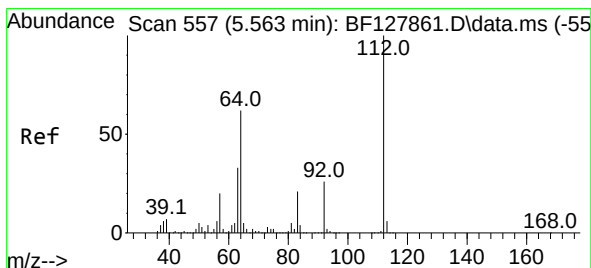
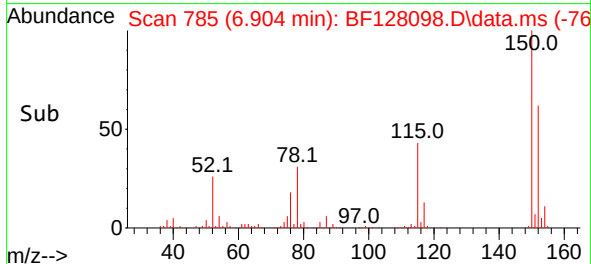
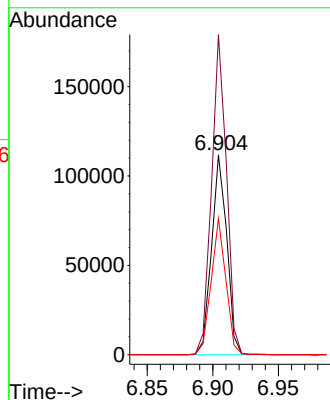
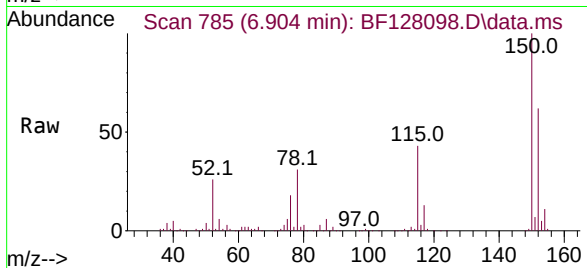




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF128098.D
 Acq: 05 May 2022 16:58

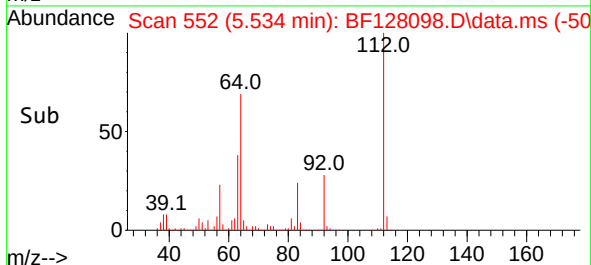
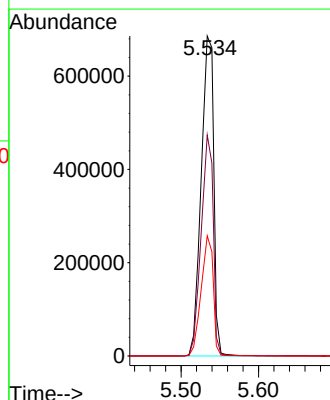
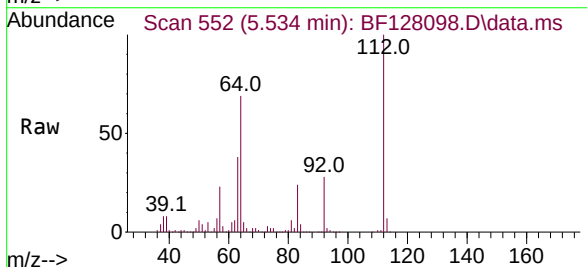
Instrument :
 BNA_F
 ClientSampleId :
 GT-05-(23-25)

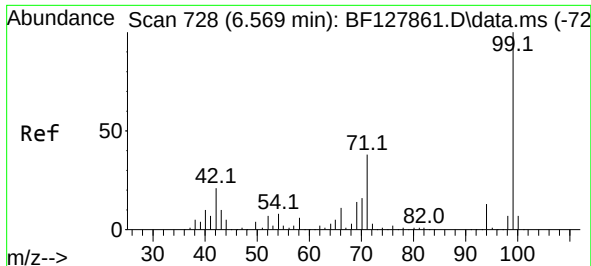
Tgt Ion:152 Resp: 90463
 Ion Ratio Lower Upper
 152 100
 150 160.1 125.3 187.9
 115 68.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 135.747 ng
 RT: 5.534 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: BF128098.D
 Acq: 05 May 2022 16:58

Tgt Ion:112 Resp: 770985
 Ion Ratio Lower Upper
 112 100
 64 69.0 49.5 74.3
 63 37.5 26.3 39.5

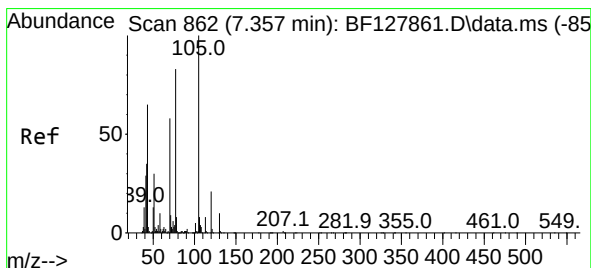
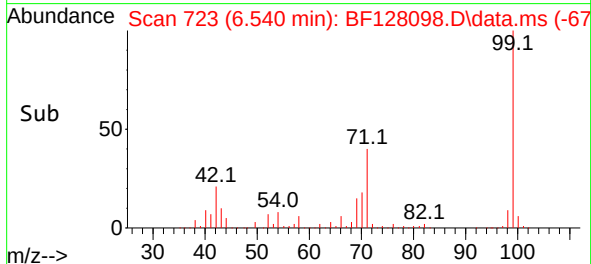
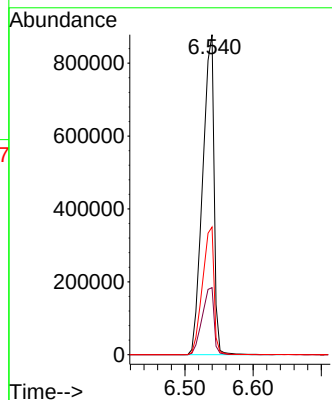
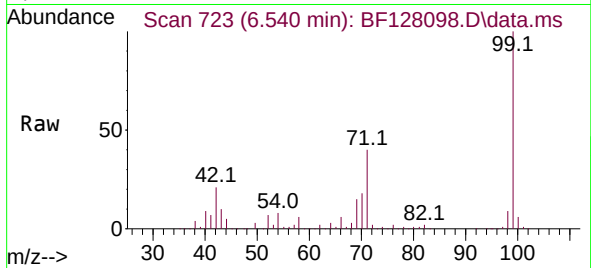




#7
Phenol-d6
Concen: 138.345 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128098.D
Acq: 05 May 2022 16:58

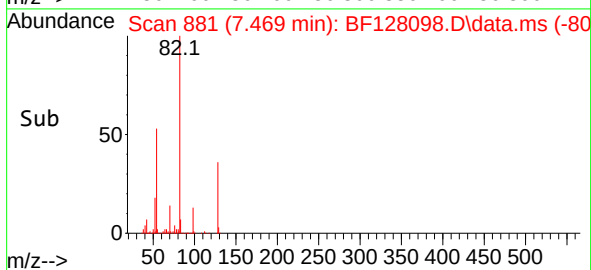
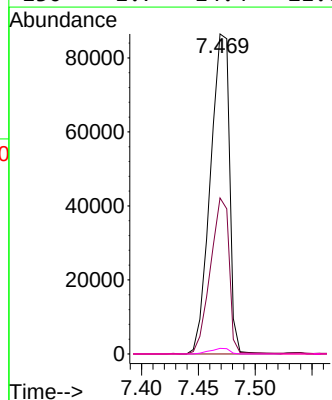
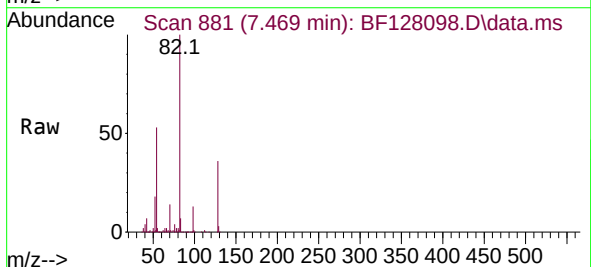
Instrument :
BNA_F
ClientSampleId :
GT-05-(23-25)

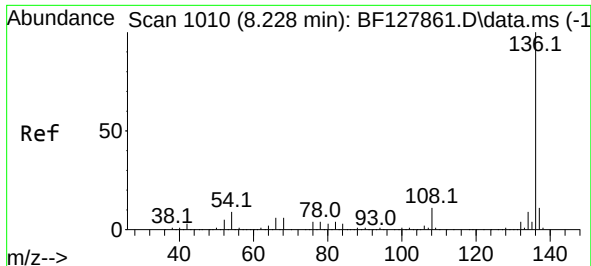
Tgt Ion: 99 Resp: 1019545
Ion Ratio Lower Upper
99 100
42 20.9 16.6 24.8
71 39.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.411 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128098.D
Acq: 05 May 2022 16:58

Tgt Ion: 70 Resp: 101102
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#





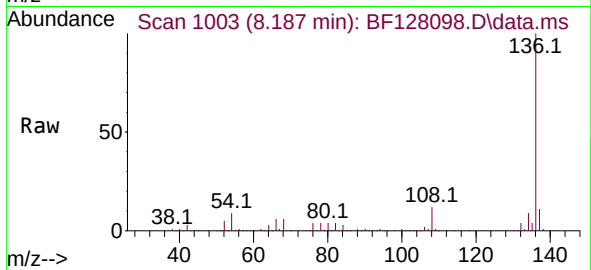
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128098.D
Acq: 05 May 2022 16:58

Instrument :

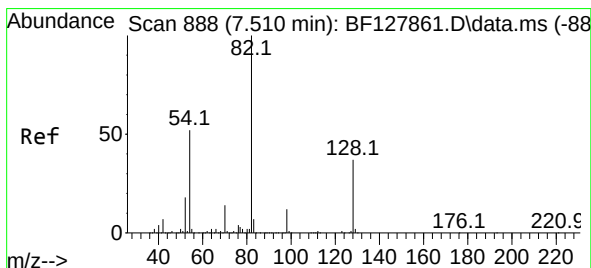
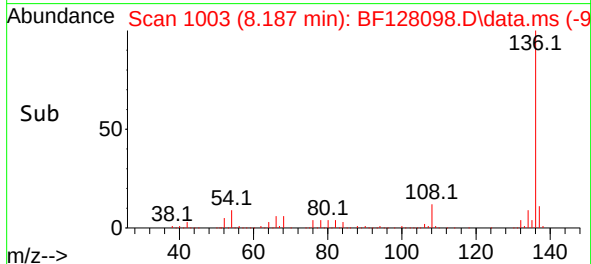
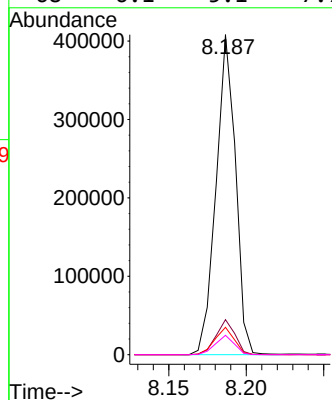
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ClientSampleId :

GT-05-(23-25)

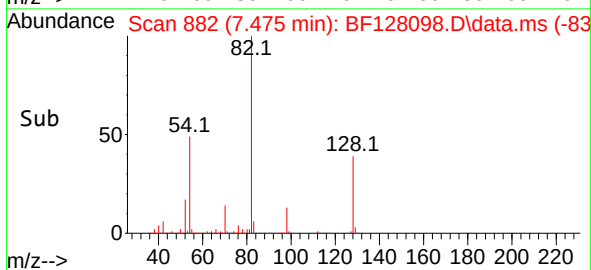
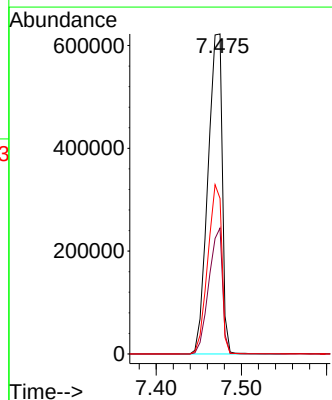
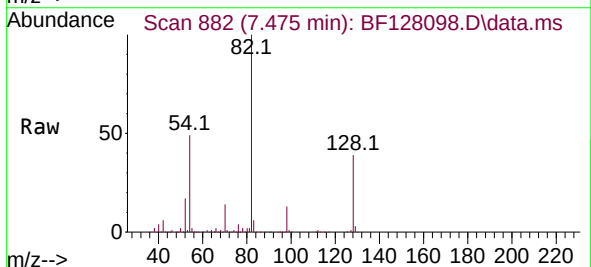


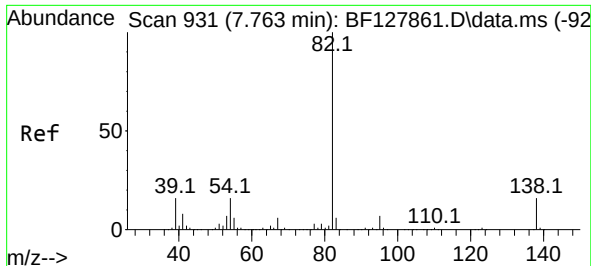
Tgt Ion:136 Resp: 357090
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 6.8 10.2
68 6.1 5.1 7.7



#23
Nitrobenzene-d5
Concen: 95.894 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF128098.D
Acq: 05 May 2022 16:58

Tgt Ion: 82 Resp: 728200
Ion Ratio Lower Upper
82 100
128 39.4 30.0 45.0
54 48.6 41.3 61.9

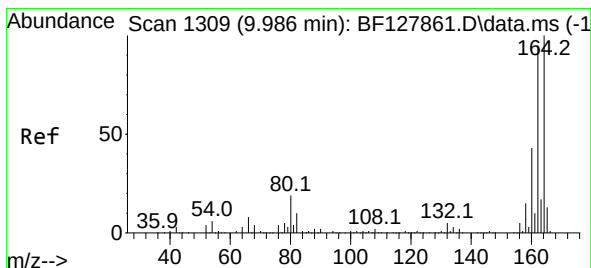
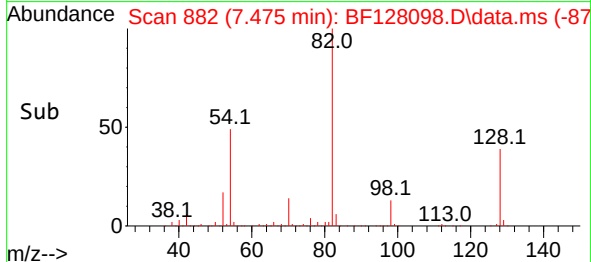
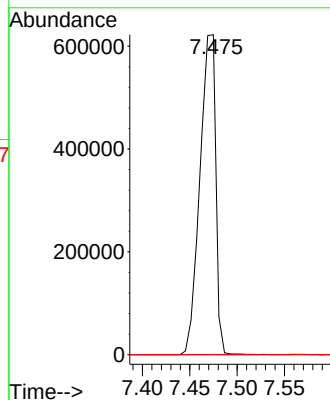
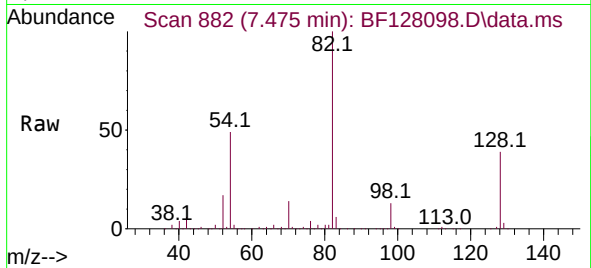




#25
Isophorone
Concen: 56.897 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128098.D
Acq: 05 May 2022 16:58

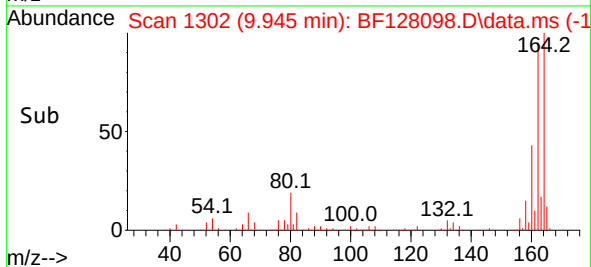
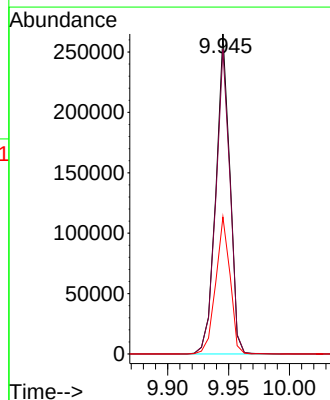
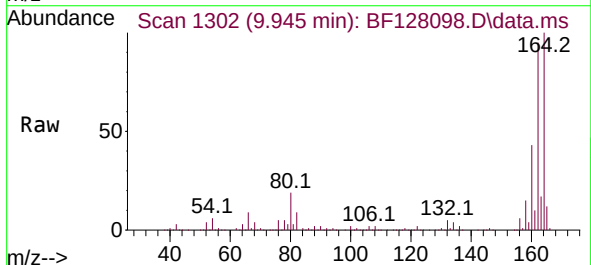
Instrument :
BNA_F
ClientSampleId :
GT-05-(23-25)

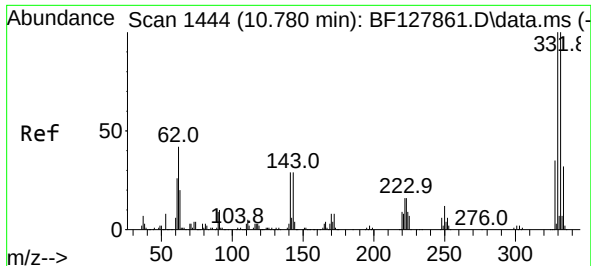
Tgt Ion: 82 Resp: 727192
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128098.D
Acq: 05 May 2022 16:58

Tgt Ion: 164 Resp: 211125
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 42.8 34.8 52.2

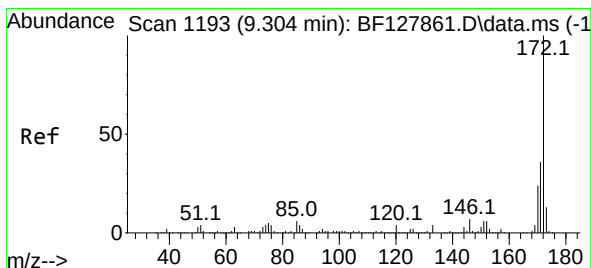
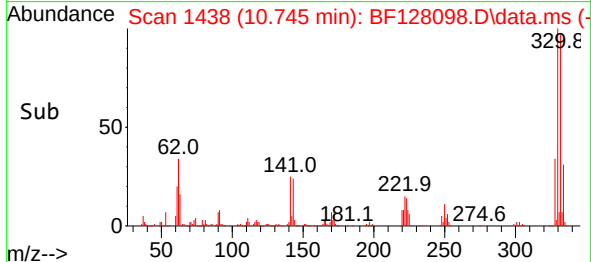
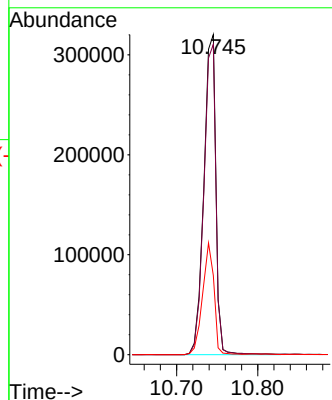
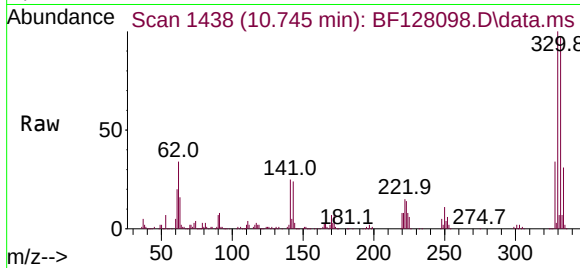




#42
2,4,6-Tribromophenol
Concen: 154.977 ng
RT: 10.745 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF128098.D
Acq: 05 May 2022 16:58

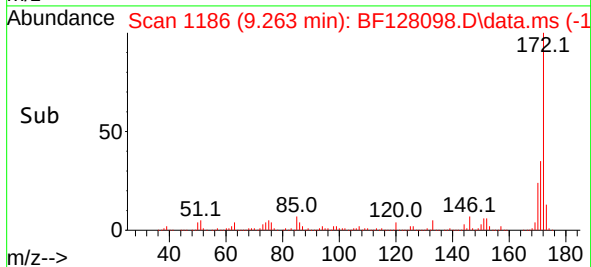
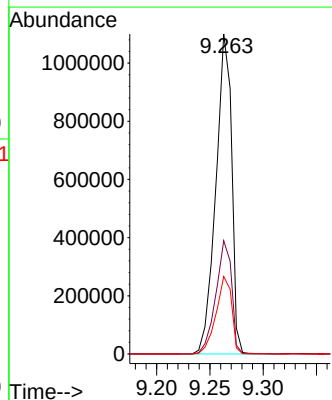
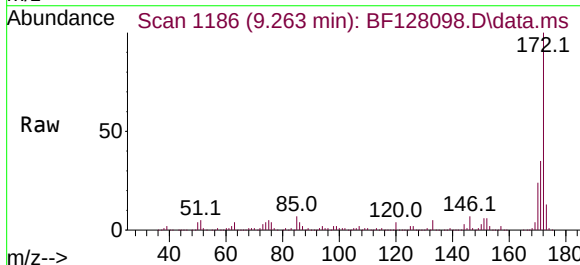
Instrument :
BNA_F
ClientSampleId :
GT-05-(23-25)

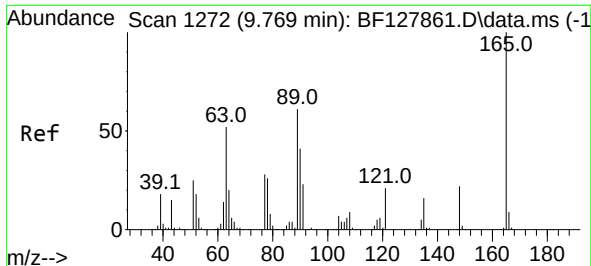
Tgt Ion: 330 Resp: 329377
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.4
141 33.2 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 90.669 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128098.D
Acq: 05 May 2022 16:58

Tgt Ion: 172 Resp: 1131531
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 24.2 19.1 28.7

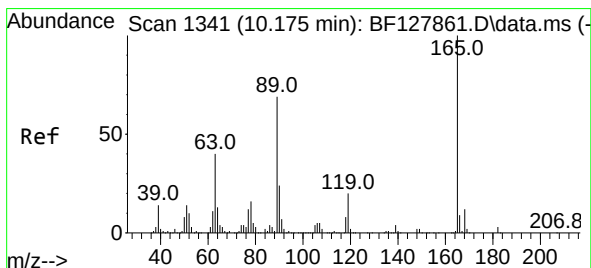
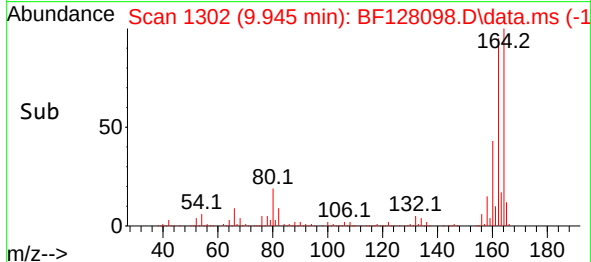
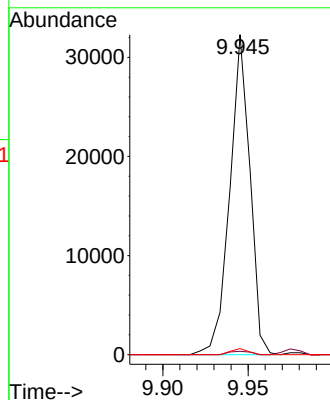
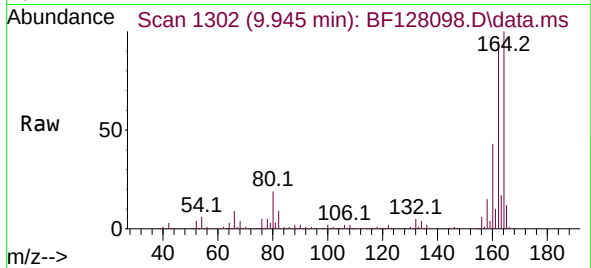




#51
2,6-Dinitrotoluene
Concen: 8.679 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128098.D
Acq: 05 May 2022 16:58

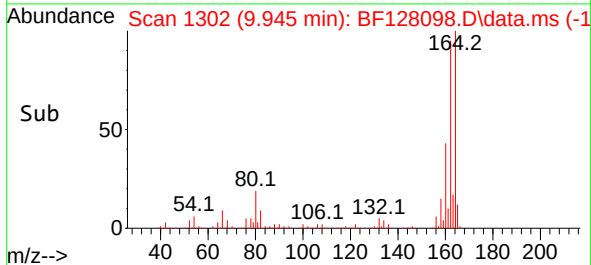
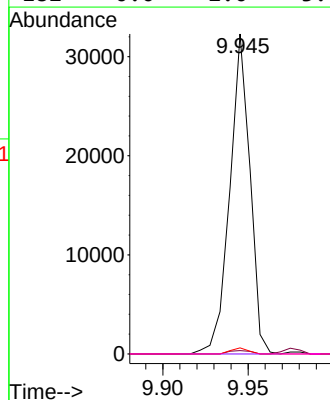
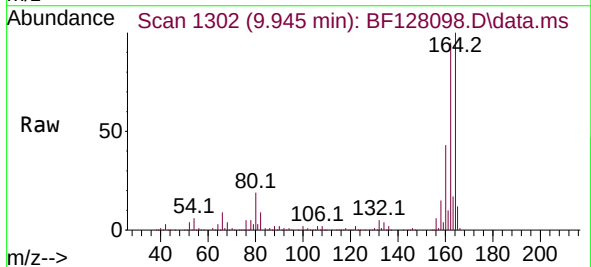
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ClientSampleId :
GT-05-(23-25)

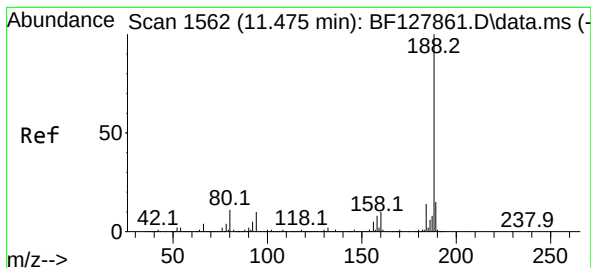
Tgt Ion:165 Resp: 26607
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.552 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128098.D
Acq: 05 May 2022 16:58

Tgt Ion:165 Resp: 26607
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.9 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128098.D

Acq: 05 May 2022 16:58

Instrument :

BNA_F

ClientSampleId :

GT-05-(23-25)

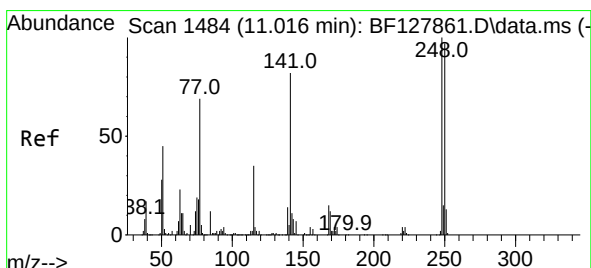
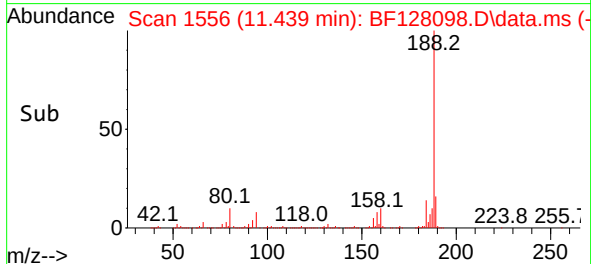
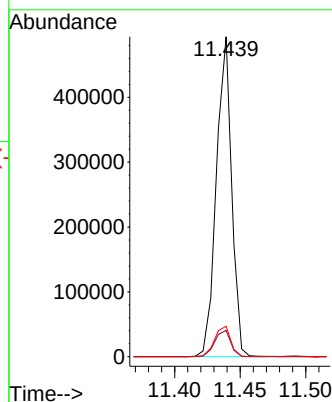
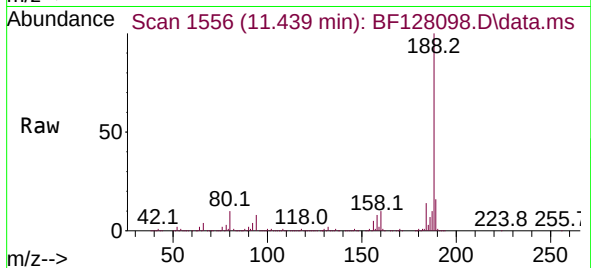
Tgt Ion:188 Resp: 399907

Ion Ratio Lower Upper

188 100

94 8.2 8.0 12.0

80 9.5 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 4.503 ng

RT: 10.739 min Scan# 1437

Delta R.T. -0.247 min

Lab File: BF128098.D

Acq: 05 May 2022 16:58

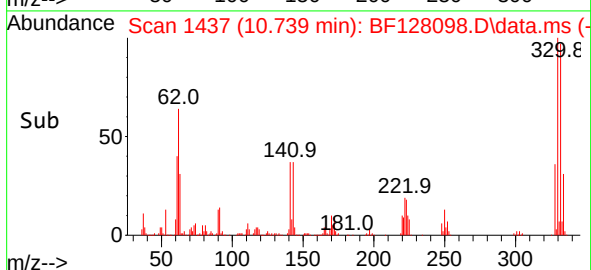
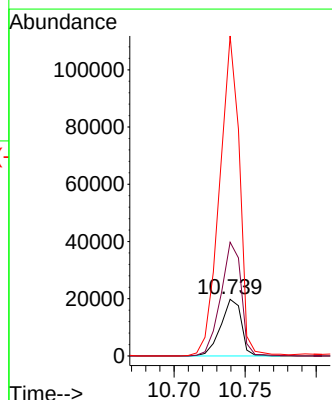
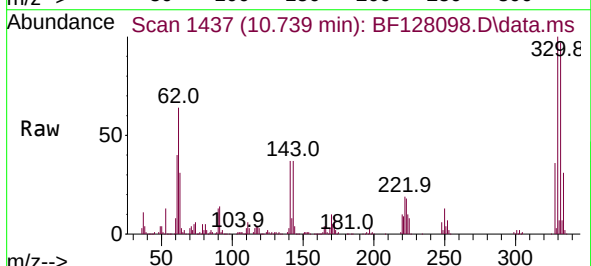
Tgt Ion:248 Resp: 19962

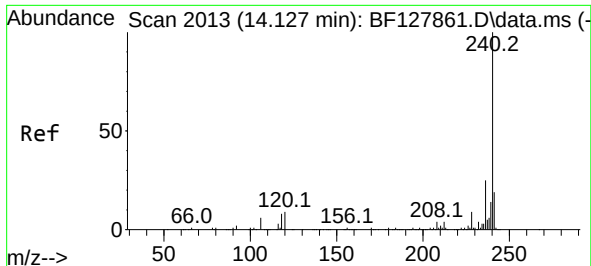
Ion Ratio Lower Upper

248 100

250 200.6 77.7 116.5#

141 564.3 65.6 98.4#

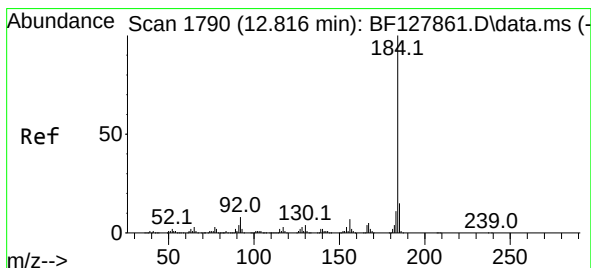
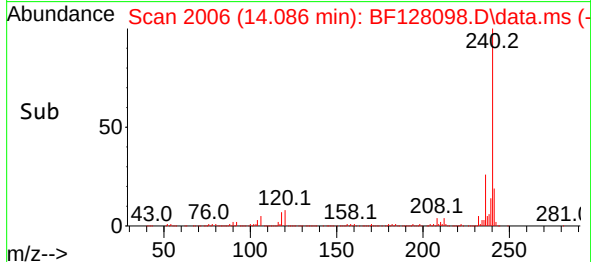
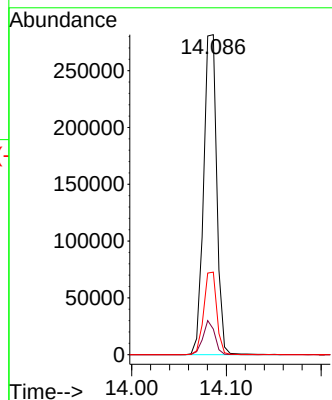
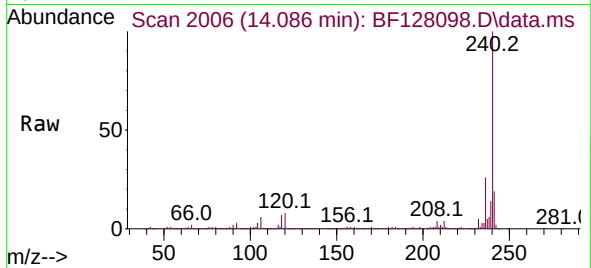




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128098.D
Acq: 05 May 2022 16:58

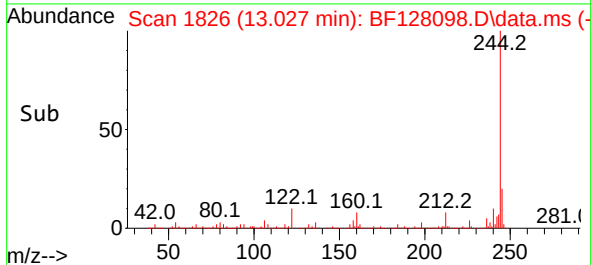
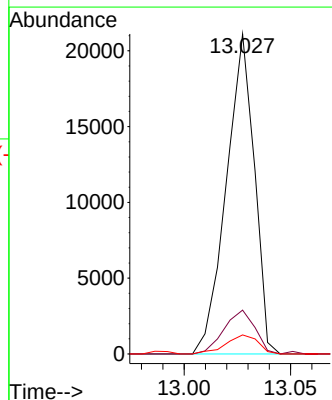
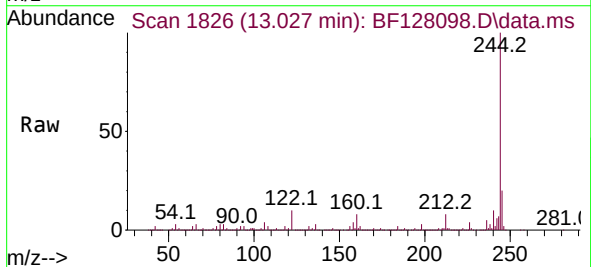
Instrument :
BNA_F
ClientSampleId :
GT-05-(23-25)

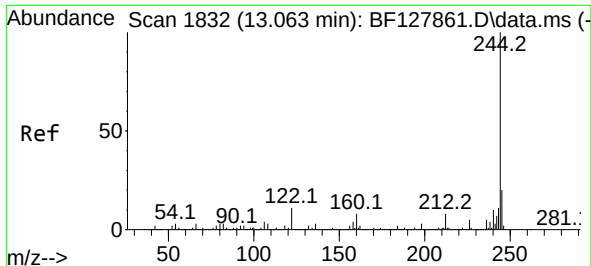
Tgt Ion:240 Resp: 270616
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 25.8 20.3 30.5



#77
Benzidine
Concen: 3.776 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF128098.D
Acq: 05 May 2022 16:58

Tgt Ion:184 Resp: 19335
Ion Ratio Lower Upper
184 100
185 13.7 12.1 18.1
183 5.9 9.0 13.4#

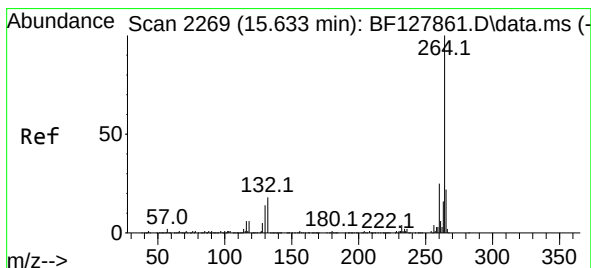
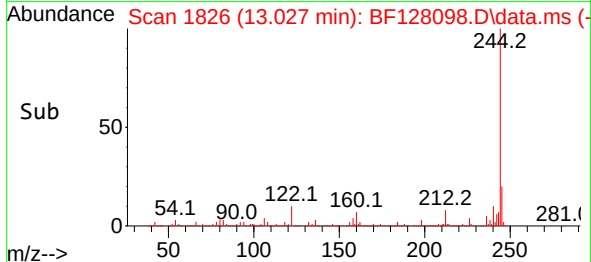
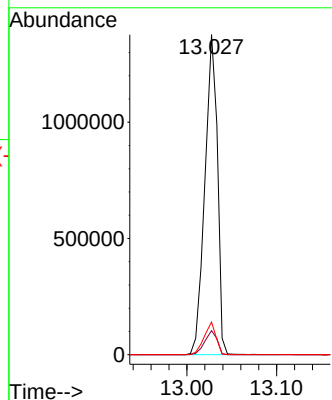
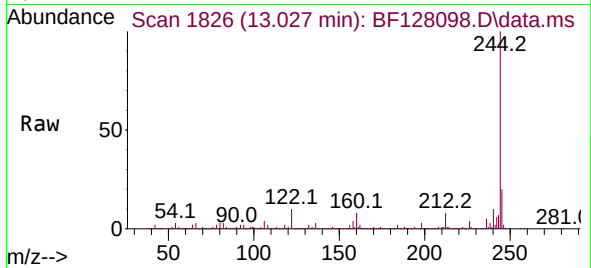




#79
 Terphenyl-d14
 Concen: 90.269 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128098.D
 Acq: 05 May 2022 16:58

Instrument :
 BNA_F
 ClientSampleId :
 GT-05-(23-25)

Tgt Ion:244 Resp: 1335920
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 10.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128098.D
 Acq: 05 May 2022 16:58

Tgt Ion:264 Resp: 213520
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 21.1 17.5 26.3

