

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
 Data File : BF126327.D
 Acq On : 22 Dec 2021 13:56
 Operator : JU/CG
 Sample : PB141608BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 16:31:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

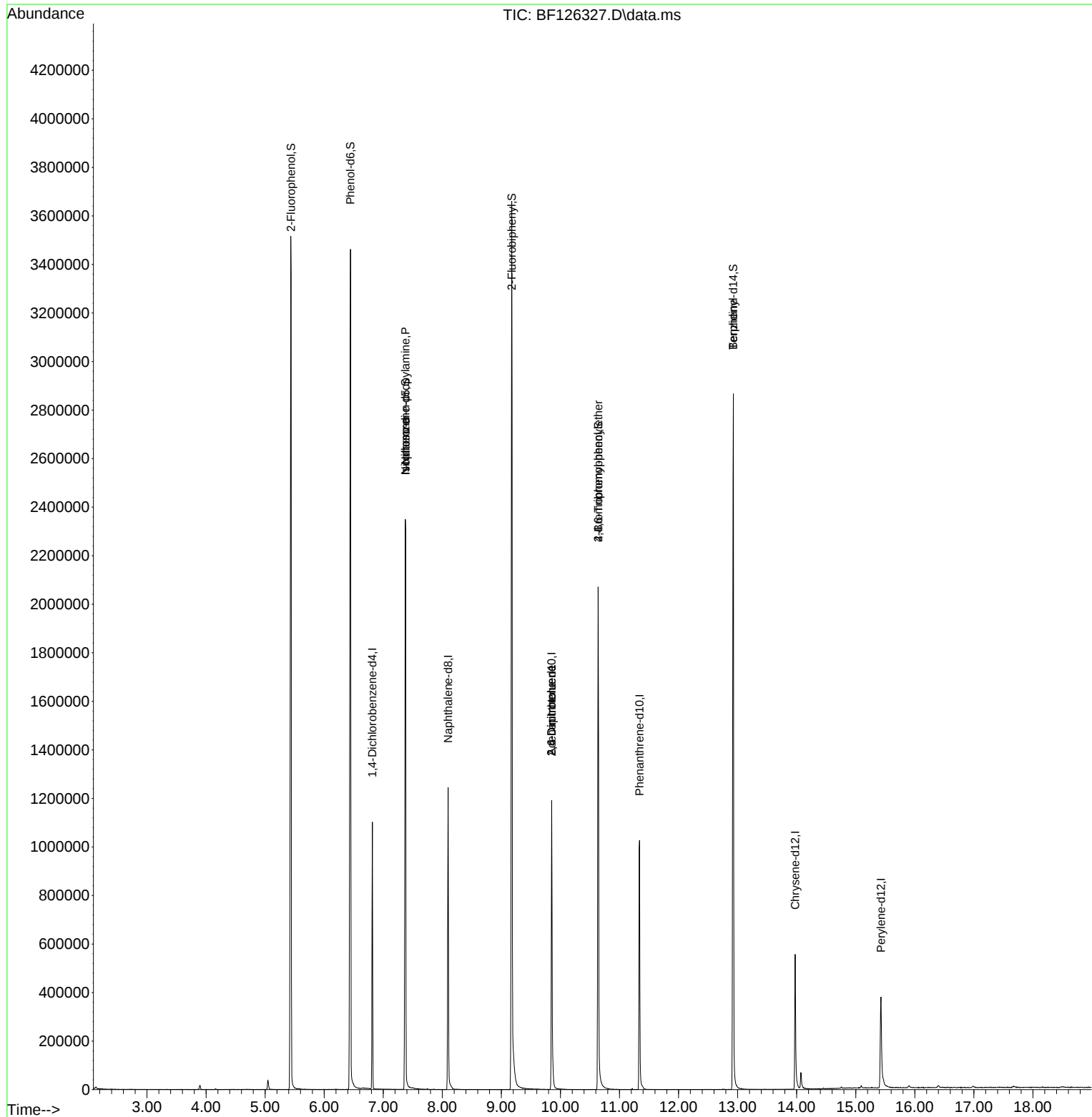
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	142942	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	615185	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	282723	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	446988	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	238374	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	228657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1167734	120.305	ng	0.01
7) Phenol-d6	6.445	99	1455065	118.061	ng	0.00
23) Nitrobenzene-d5	7.375	82	964646	84.925	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	278152	122.421	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1367265	84.819	ng	0.00
79) Terphenyl-d14	12.927	244	1066779	77.785	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	124359	16.436	ng	# 55
25) Isophorone	7.375	82	964769	44.977	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	35655	9.198	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	35656	7.211	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	14099	3.361	ng	# 1
77) Benzidine	12.927	184	12298	3.272	ng	99

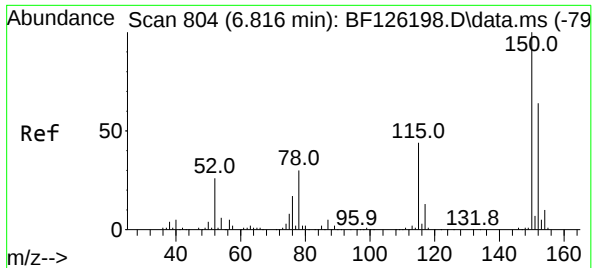
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
Data File : BF126327.D
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Operator : JU/CG
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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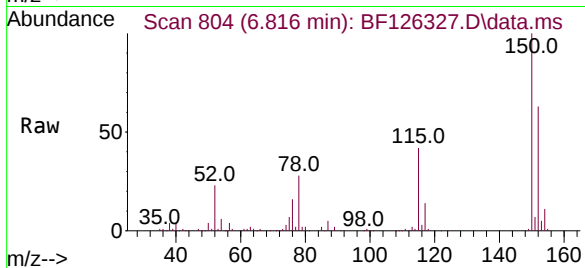
Quant Time: Dec 22 16:31:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration



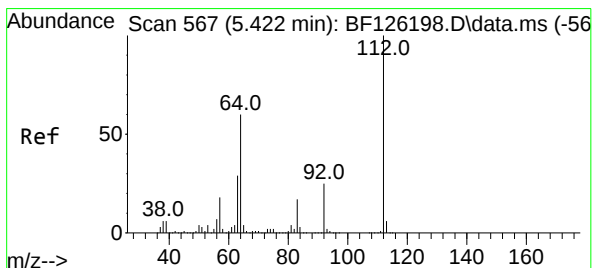
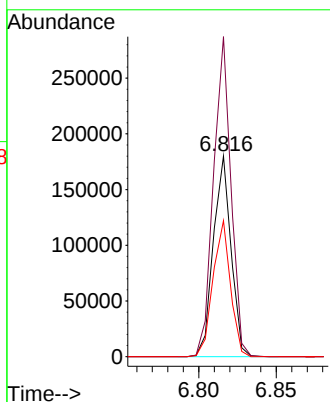
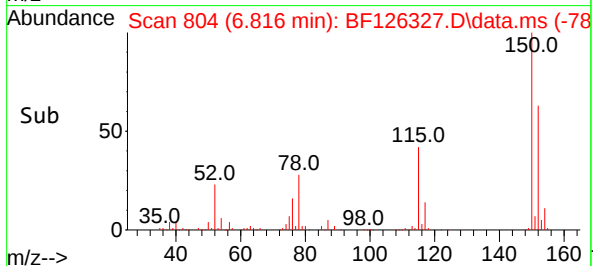


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126327.D
 Acq: 22 Dec 2021 13:56

Instrument :
 BNA_F
 ClientSampleId :

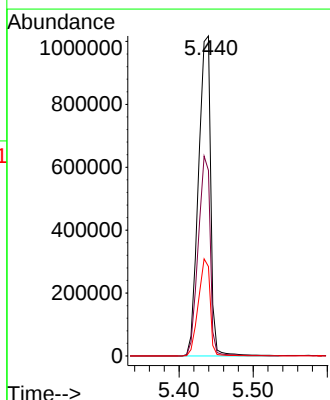
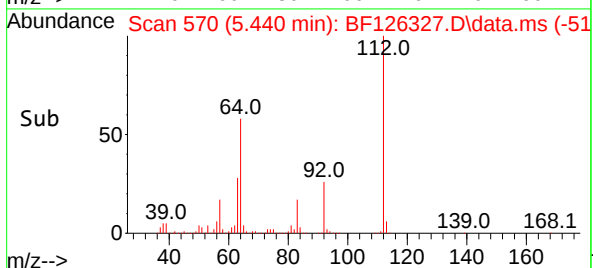
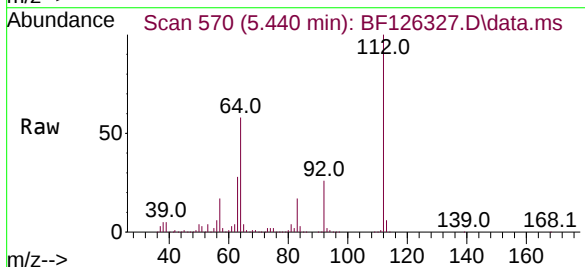


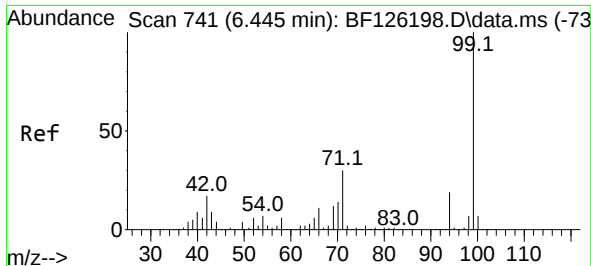
Tgt Ion:152 Resp: 142942
 Ion Ratio Lower Upper
 152 100
 150 159.5 117.6 176.4
 115 67.8 47.1 70.7



#5
 2-Fluorophenol
 Concen: 120.305 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF126327.D
 Acq: 22 Dec 2021 13:56

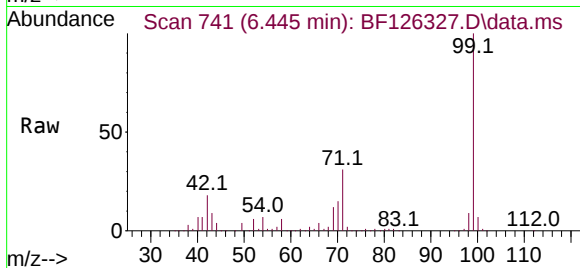
Tgt Ion:112 Resp: 1167734
 Ion Ratio Lower Upper
 112 100
 64 58.0 44.2 66.2
 63 28.0 26.2 39.2



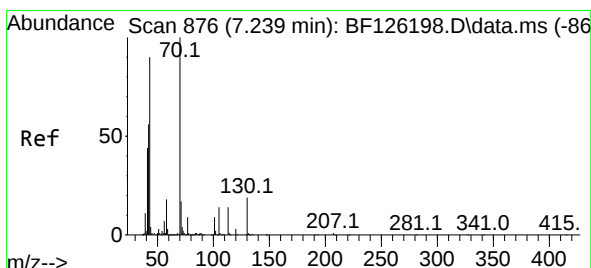
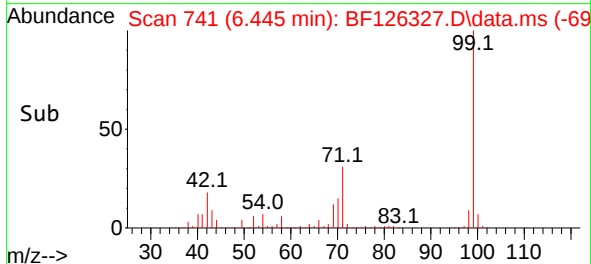
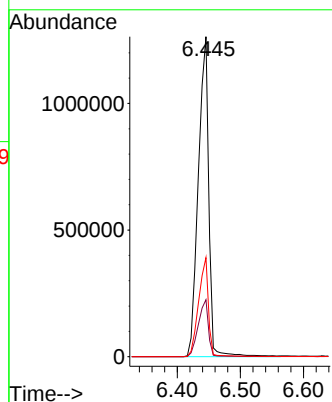


#7
Phenol-d6
Concen: 118.061 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126327.D
Acq: 22 Dec 2021 13:56

Instrument :
BNA_F
ClientSampleId :

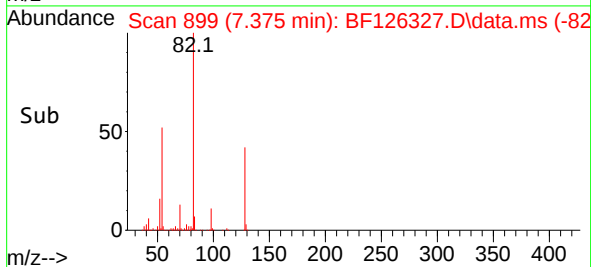
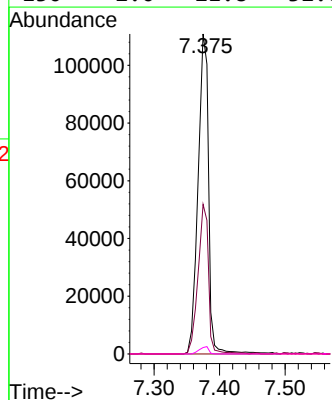
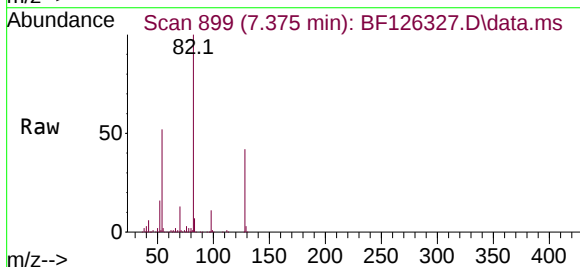


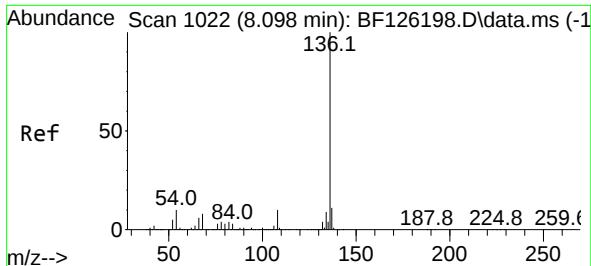
Tgt Ion: 99 Resp: 1455065
Ion Ratio Lower Upper
99 100
42 17.8 23.5 35.3#
71 31.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.436 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.141 min
Lab File: BF126327.D
Acq: 22 Dec 2021 13:56

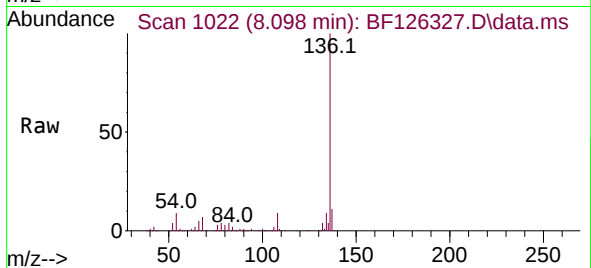
Tgt Ion: 70 Resp: 124359
Ion Ratio Lower Upper
70 100
42 46.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#



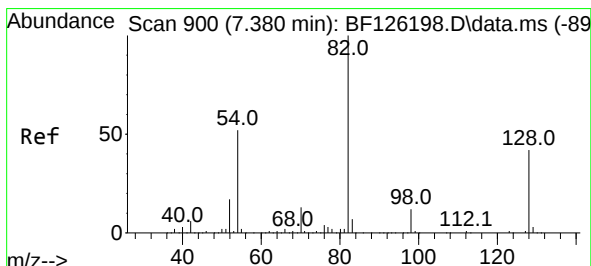
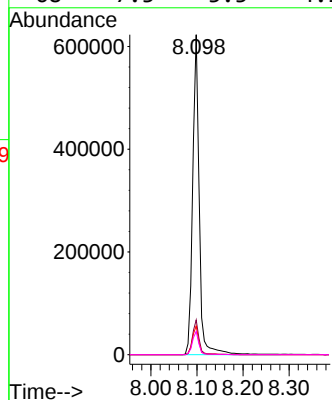
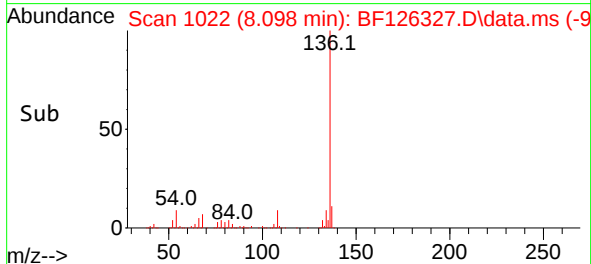


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126327.D
Acq: 22 Dec 2021 13:56

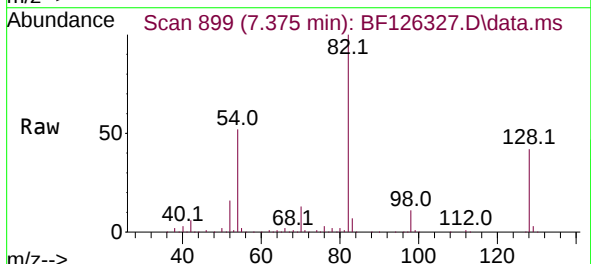
Instrument :
BNA_F
ClientSampleId :



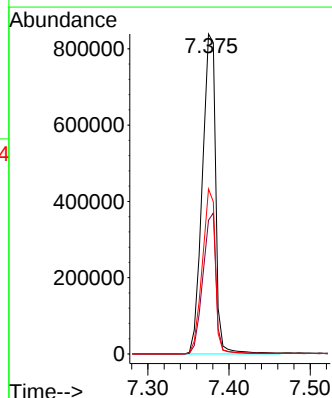
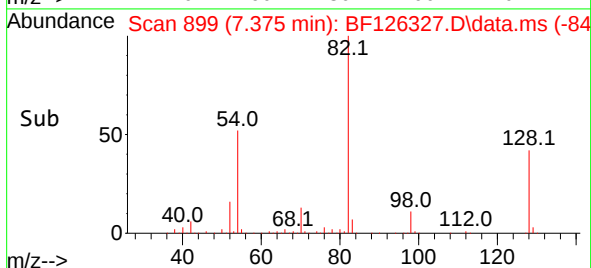
Tgt Ion:136 Resp: 615185
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.0 6.4 9.6
68 7.3 3.3 4.9#

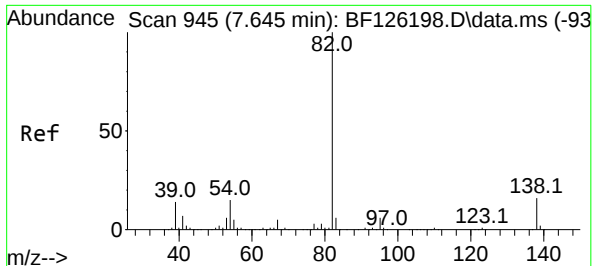


#23
Nitrobenzene-d5
Concen: 84.925 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126327.D
Acq: 22 Dec 2021 13:56



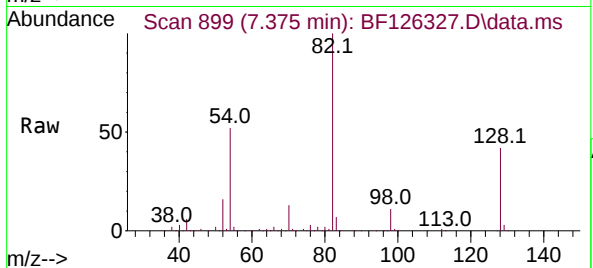
Tgt Ion: 82 Resp: 964646
Ion Ratio Lower Upper
82 100
128 41.8 40.6 60.8
54 51.6 49.6 74.4



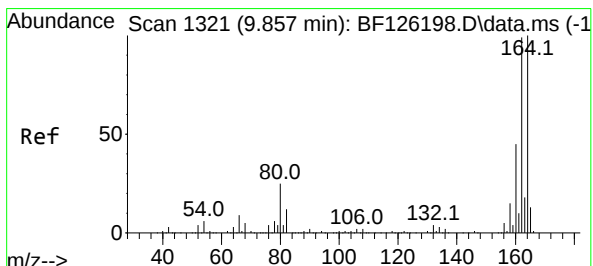
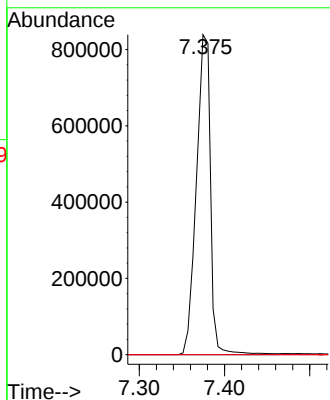
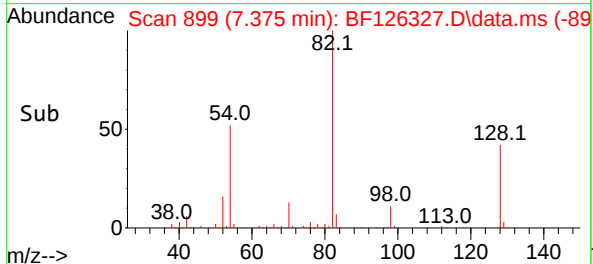


#25
Isophorone
Concen: 44.977 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF126327.D
Acq: 22 Dec 2021 13:56

Instrument :
BNA_F
ClientSampleId :

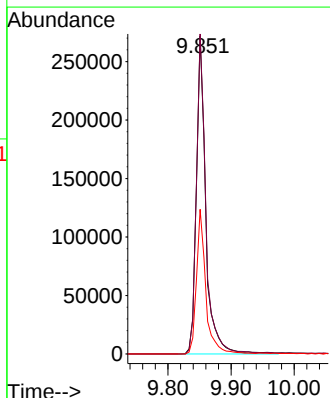
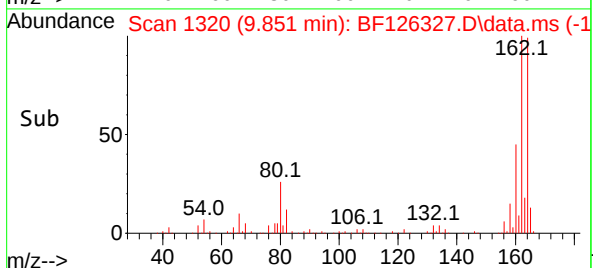
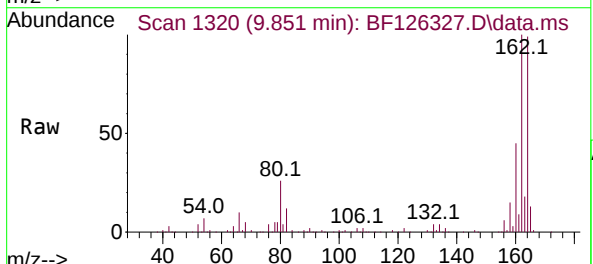


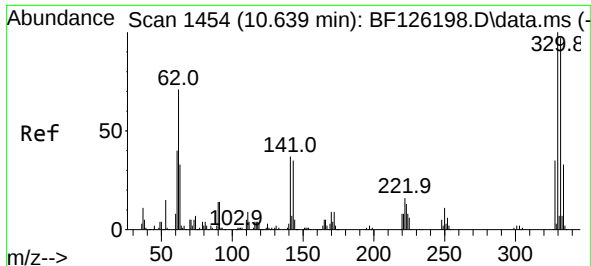
Tgt Ion: 82 Resp: 964769
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126327.D
Acq: 22 Dec 2021 13:56

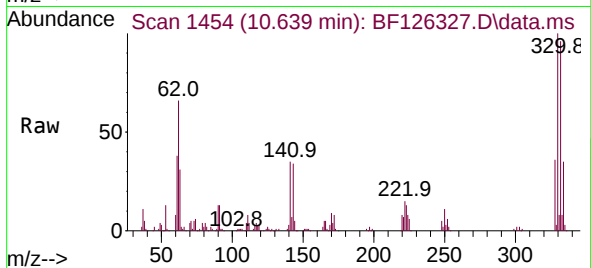
Tgt Ion:164 Resp: 282723
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 45.5 38.0 57.0



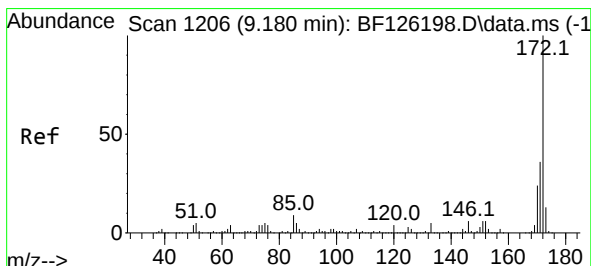
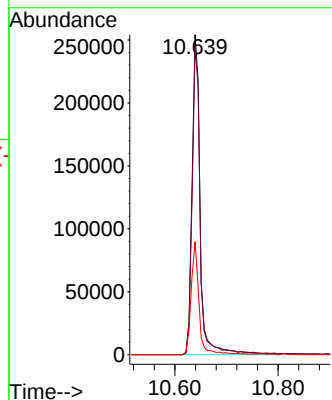
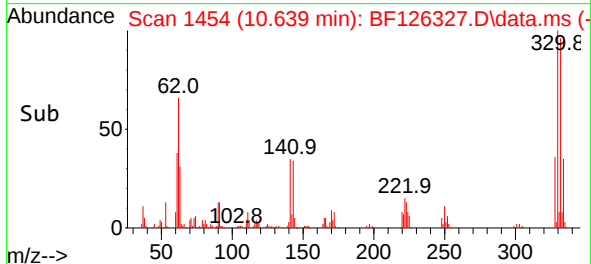


#42
2,4,6-Tribromophenol
Concen: 122.421 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126327.D
Acq: 22 Dec 2021 13:56

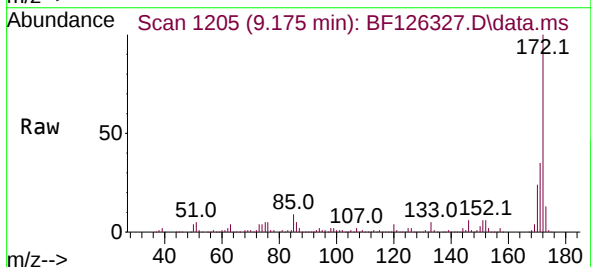
Instrument :
BNA_F
ClientSampleId :



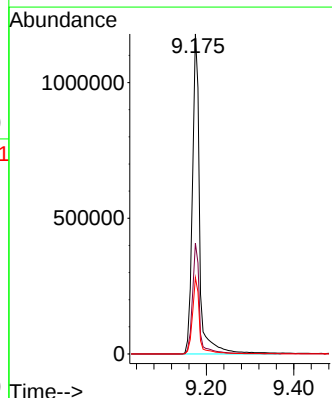
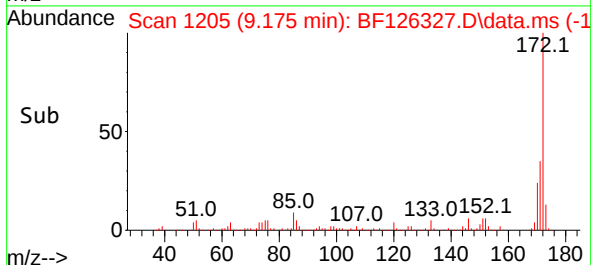
Tgt Ion:330 Resp: 278152
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 34.2 44.6 66.8#

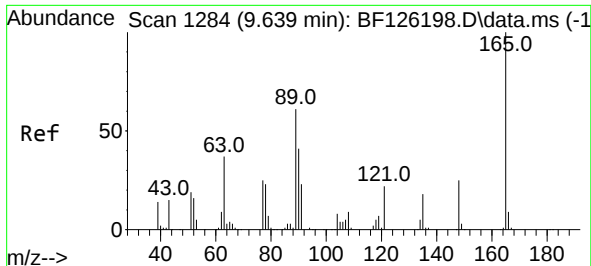


#45
2-Fluorobiphenyl
Concen: 84.819 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126327.D
Acq: 22 Dec 2021 13:56



Tgt Ion:172 Resp: 1367265
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.9 18.8 28.2

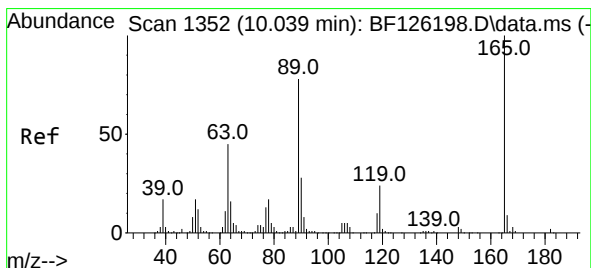
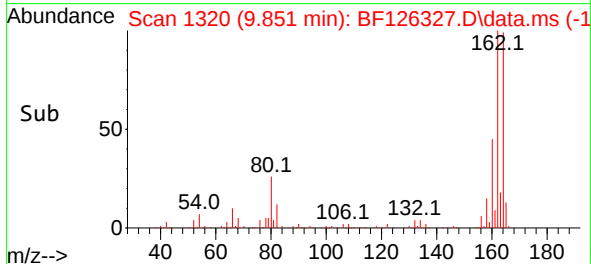
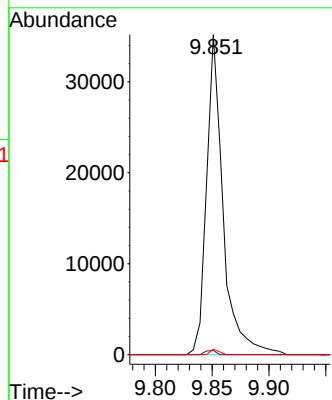
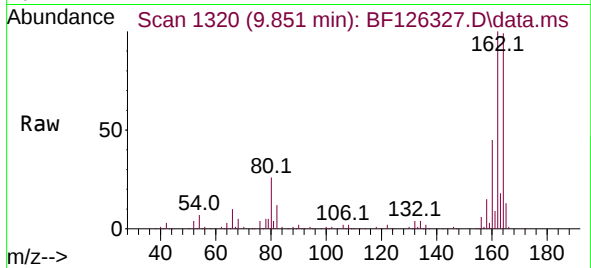




#51
2,6-Dinitrotoluene
Concen: 9.198 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126327.D
Acq: 22 Dec 2021 13:56

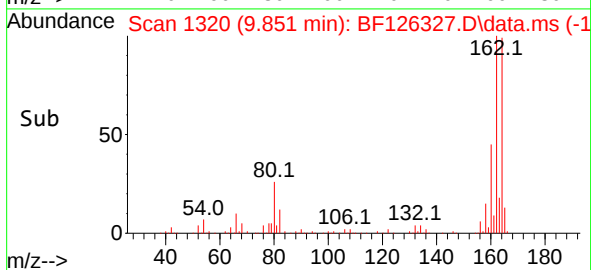
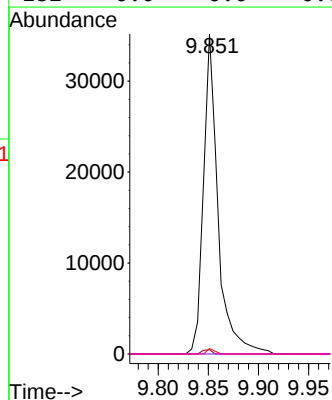
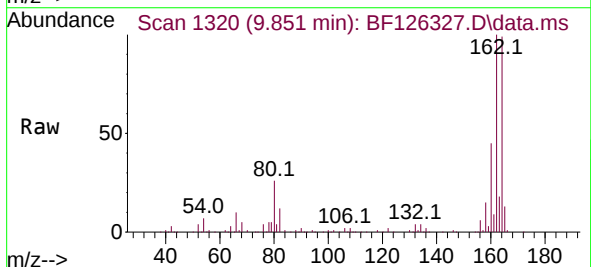
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ClientSampleId :

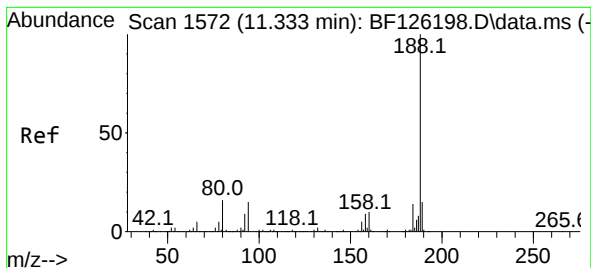
Tgt Ion:165 Resp: 35655
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.211 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126327.D
Acq: 22 Dec 2021 13:56

Tgt Ion:165 Resp: 35656
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126327.D

Acq: 22 Dec 2021 13:56

Instrument :

BNA_F

ClientSampleId :

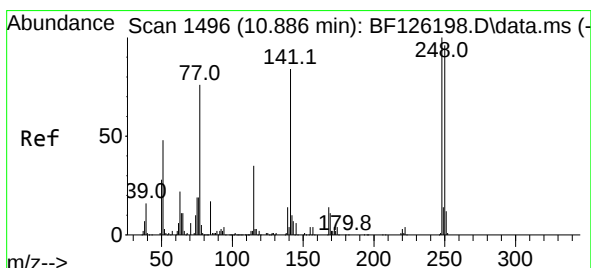
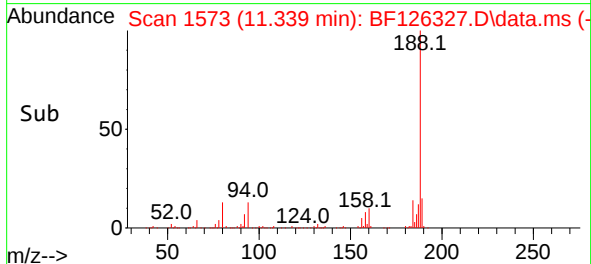
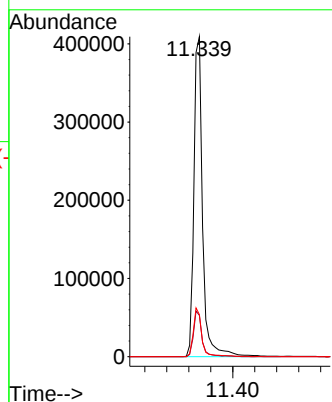
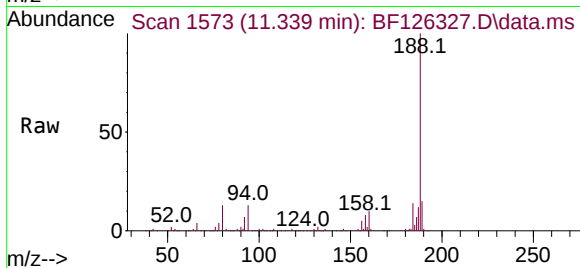
Tgt Ion:188 Resp: 446988

Ion Ratio Lower Upper

188 100

94 12.9 6.7 10.1#

80 13.1 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.361 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF126327.D

Acq: 22 Dec 2021 13:56

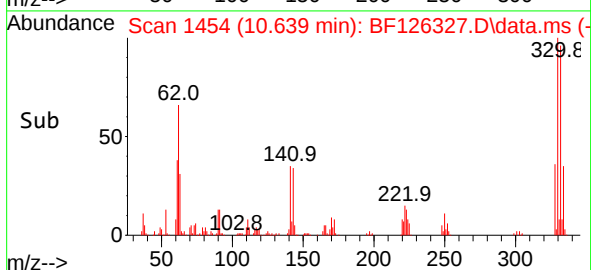
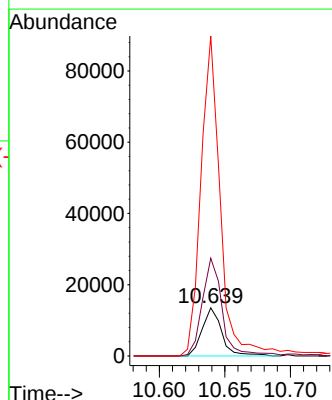
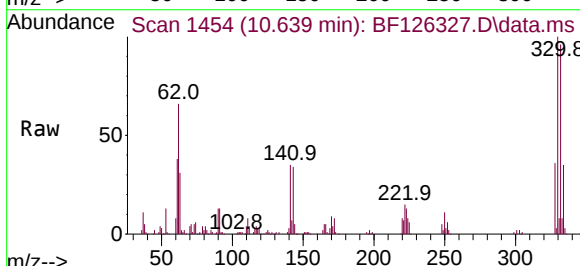
Tgt Ion:248 Resp: 14099

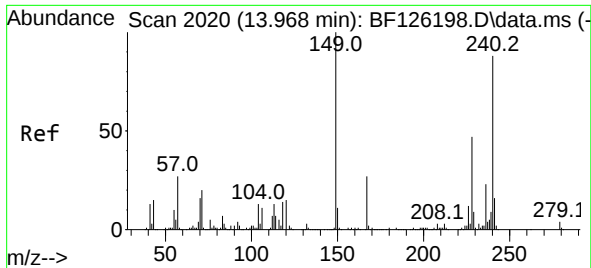
Ion Ratio Lower Upper

248 100

250 203.1 74.2 111.4#

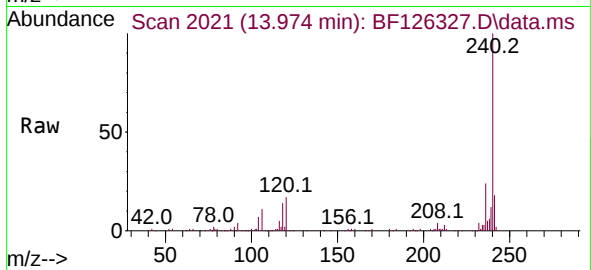
141 665.0 60.4 90.6#



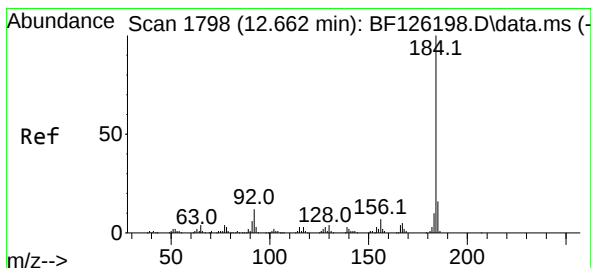
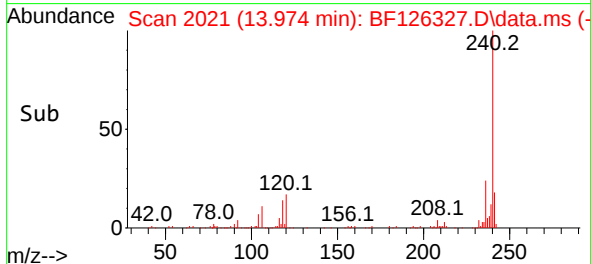
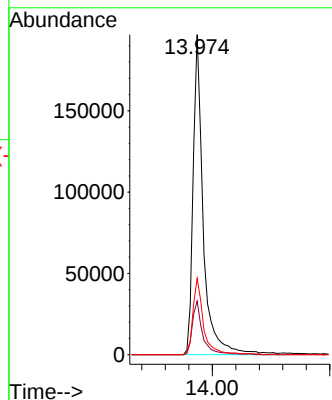


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126327.D
Acq: 22 Dec 2021 13:56

Instrument :
BNA_F
ClientSampleId :

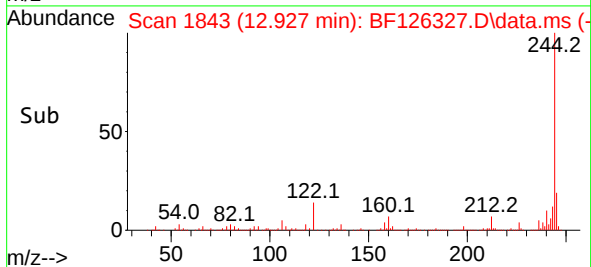
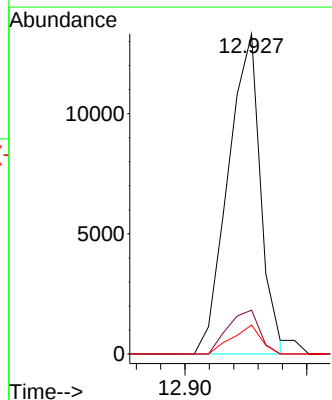
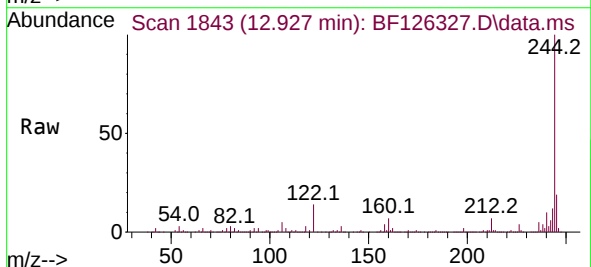


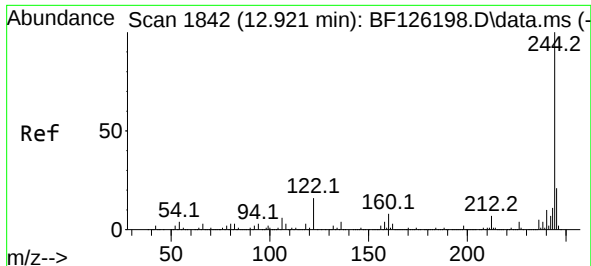
Tgt Ion:240 Resp: 238374
Ion Ratio Lower Upper
240 100
120 16.7 10.8 16.2#
236 23.9 21.6 32.4



#77
Benzidine
Concen: 3.272 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.253 min
Lab File: BF126327.D
Acq: 22 Dec 2021 13:56

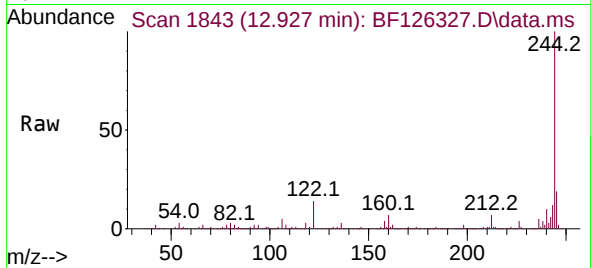
Tgt Ion:184 Resp: 12298
Ion Ratio Lower Upper
184 100
185 13.7 10.8 16.2
183 9.1 8.1 12.1



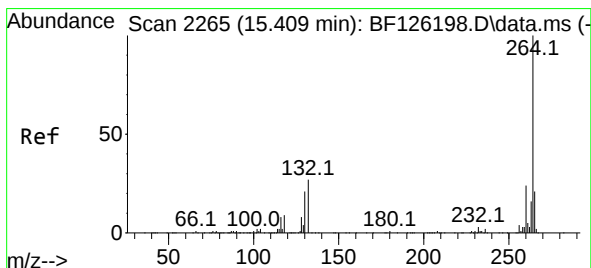
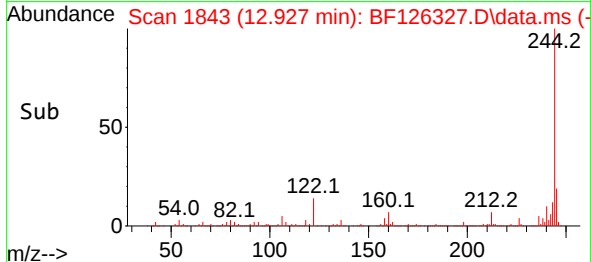
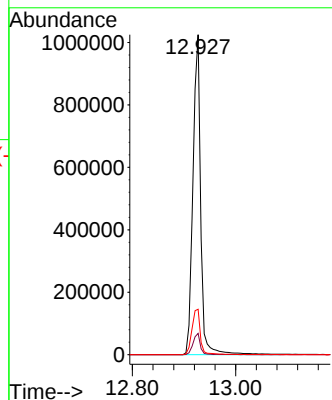


#79
 Terphenyl-d14
 Concen: 77.785 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126327.D
 Acq: 22 Dec 2021 13:56

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1066779
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 14.2 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF126327.D
 Acq: 22 Dec 2021 13:56

Tgt Ion:264 Resp: 228657
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.6 29.4
 265 19.5 17.2 25.8

